DEPUTY COMMISSIONER'S OFFICE
07 MAY 1937
SHIMOGA DISTRICT.

Department of Mines and Explosives, Mysore State.

REPORT

OF THE

CHIEF INSPECTOR OF MINES AND EXPLOSIVES IN MYSORE

FOR THE YEAR

1935-36

With Statistics for the Calendar Year 1935.

BANGALORE:
PRINTED BY THE SUPERINTENDENT AT THE GOVERNMENT PRESS
1936

Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE DEPARTMENTS.

G. O. No. D. 5728-41—Geol. 31-36-3, dated 19—26th February 1937.

Administration Report.

Reviews the —— of the Department of Mines and Explosives for the year 1935-36.

READ —

Letter No. 597, dated the 15th September 1936, from the Chief Inspector of Mines and Explosives in Mysore, submitting the Administration Report of the Department of Mines and Explosives for the year 1935-36.

ORDER NO. D. 5728-41—GEOL. 31-36-3, DATED BANGALORE, THE 19—26TH FEBRUARY 1937.

Recorded.

2. The number of companies carrying on mining operations on the Kolar Gold Fields was four, the same as in the previous year. The output of these mines was 326,125 ozs. of fine gold and 24,477 ozs. of silver of the aggregate value of £2,296,472. There was an increase of £83,765 in the value of the output, as compared with the year 1934. The total dividends paid by the companies amounted to 34·18 per cent of the paid-up capital of all the companies.

3. An important scheme of development was undertaken during the year to carry down the working of the Champion Reef Mine to a depth of 10,000 feet. In order to meet this expenditure, the capital of the company has been increased by the issue of new shares. The increasing depths of the workings, which have already reached 7,800 feet below field datum in two instances and which, as stated above, may go down to 10,000 feet make it necessary to give serious consideration to the problem of ventilation. It is noticed that the rock temperature in the deepest portions is over 130° F. Cases of heat exhaustion, if not as yet numerous, are a warning that cannot be ignored. The Chief Inspector is requested, in consultation with the management of the companies, to consider the question of improving the present system of ventilation by the installation of cooling plants.

4. *Mining Labour.*—The total number of persons employed in the mining industry in 1935 was 23,801 or more than a thousand than in the previous year. Of these, 22,271 were employed in gold mining. No change is reported in the general working hours under-ground or on surface except in the deeper levels of the Champion Reef and Nandydrug Mines, where the three shifts of eight hours each were changed to four shifts of six hours each to expedite development in depth.

5. *Mining Accidents.*—The total number of accidents reported during the year was 277, of which 44 were fatal. The percentage of fatal accidents due to neligence and carelessness was higher than in the previous year. The number of deaths was 57, of which 11 were due to falling in shafts, stopes, etc., and 5 to explosives. It is stated that the death-rate on account of under-ground accidents has declined although there has been an increase in the number of persons employed on under-ground work and in the quantity of materials excavated. Although the statistics leading to this conclusion are gratifying, it cannot be denied that there is considerable scope for minimising accidents of an avoidable character due to negligence, recklessness and inexperience. Government will await with interest the result of the inquiries which are being made by the Committee which has been appointed by the Management for this purpose.

No. D. 5728-41—GEOL. 31-36-3, DATED 19—26TH FEBRUARY 1937.

6. *Explosives Section.*—During the year, 901 licenses were issued under the Mysore Explosives Rules against 742 in the previous year. There were 64 accidents due to explosives involving the death of 13 persons. Most of these accidents were reported to have been due to drilling into or intersecting sockets. Departmental action is stated to have been taken against the persons responsible for them and the penal provisions of the Regulation may be enforced with greater strictness.

M. VENKATANARANAPPA,
Secretary to Government,
Development Department.

To—The Chief Inspector of Mines and Explosives in Mysore.
The Director of Geology in Mysore.
The District Magistrates of Districts.
The Inspector-General of Police in Mysore.
The Chief Electrical Engineer to Government.
The Secretary to Government, Electrical Department.
The Comptroller to Government.
PRESS TABLE.

Exd.—B. G. S.

WD 1681—GPB—860—9-3-37.

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REPORT

OF THE

CHIEF INSPECTOR OF MINES AND EXPLOSIVES IN MYSORE

FOR THE YEAR 1935-36.

A—MINING AND PROSPECTING.

(1) CERTIFICATES OF APPROVAL.

Twenty-five Certificates of Approval were current during the year of which eight were newly issued and the rest renewed.

(2) LEASES AND LICENSES.

The following statements show the number of leases and licenses current during the year as compared with the previous year 1934-35 :—

(a) Mining Leases.

Mineral	District	1934-35	1935-36
1. Gold	Kolar	21	21
2. Chromite	Mysore	2	2
Do	Hassan	5	5
3. Kaolin	Kolar	1	1
Do	Kolar and Bangalore ...	1	1
4. Magnesite and Chrome ...	Mysore	3	3
5. Manganese	Chitaldrug	3	3
	Total ...	36	36

District Abstract

District.		*1934-35.*	*1935-36.*
Mysore	... ...	5	5
Kolar	... ...	22	22
Kolar and Bangalore	... ...	1	1
Hassan	.. ...	5	5
Chitaldrug	... ...	3	3
	Total ...	36	36

(b) Prospecting Licenses.

Mineral	District	1934-35	1935-36
Copper	Chitaldrug	...	1
	Total ...	...	1
Copper, Lead and Silver	Chitaldrug	...	2
	Total ...	...	2
Gold	All Districts	...	1
	Total ...	..	1
Green Quartzite	Kadur	2	1
	Total ...	2	1
Kaolin or China Clay	Bangalore	3	2
Do	Kolar	4	3
	Total ...	7	5
Kyanite	Hassan	3	1
	Total ...	3	1
Manganese	Tumkur	1	1
Do	Chitaldrug	1	2
	Total ...	2	3
Mica	Mysore	...	1
	Total ...	...	1
Ochres	Chitaldrug	...	1
	Total ...	...	1
Slatestone	Tumkur	1	4
	Total ...	1	4
	Grand Total ...	15	20

District Abstract.

District	*1934-35.*	*1935-36.*
Bangalore	3	2
Mysore	...	1
Kolar	4	3
Tumkur	2	5
Kadur	2	1
Hassan	3	1
Chitaldrug	1	6
All Districts	...	1
Total ...	15	20

(c) Collecting Licenses.

Mineral	*District*	*1934-35.*	*1935-36.*
Soapstone ...	Tumkur ...	3	3
	Total ...	3	3

(d) Exploring Licenses.

Mineral	*District*	*1934-35.*	*1935-36.*
Gold ...	... Shimoga ...	1	1
Gold ...	... Kadur ...	1	1
Kaolin ...	... Kolar ...	1	1
	Total ...	3	3

(e) Summary.

The numbers of leases, licenses and approval certificates current during the year under report as compared with the previous year are as hereunder:—

	1934–35	1935–36
1. Mining leases	36	36
2. Prospecting licenses	15	20
3. Collecting licenses	3	3
4 Exploring licenses	3	3
5. Certificates of approval	20	25
Total ...	77	87

Total area covered by Mining Leases and Prospecting Licenses:—

1934–35		*1935–36*
23,690 acres and 16 guntas	...	28,341 acres and 11 guntas

If the area of 29,217 square miles covered by the Special Prospecting License for gold and silver is also taken into account, the total area held under Mining Leases and Prospecting Licenses will be 29,261 square miles, 181 acres and 11 guntas.

Total amount of rent and cesses collected in respect of the above:—

1934–35				*1935–36*
Rs. 14,401-3-3	...	...	...	Rs. 45,564-15-3

The figure for the current year includes the sum of Rs. 29,217 collected as rent in respect of the Special Prospecting License for gold and silver issued to the Indian Mines Development Syndicate, Limited.

B—GOLD MINING.

I. Gold Production, Dividends and Royalty for the Calendar Year 1935.

The nominal capital of all companies carrying on operations in Mysore was—

	£	s.	d.
In December 1935	1,563,000	0	0
and in December 1934	1,563,000	0	0
or the same for both years			

The amount of the above capital called and paid-up was—

	£	s.	d.
In December 1935	1,513,772	0	0
and in December 1934	1,513,772	0	0
or the same for both years			

The number of companies which carried on operations during the year was four as against the same number in the previous year, all of which produced gold and paid dividends.

The quantity of fine gold produced—

	Ozs.
During 1935 amounted to	326,124·539
and during 1934 to	321,133·184
being an increase of	4,991·355

The quantity of fine silver produced—

	Ozs.
During 1935 amounted to	24,477·38
and during 1934 to	25,491·22
being a decrease of	1,013·84

The total value of fine gold and silver produced—

	£	s.	d.
During 1935 amounted to	2,296,472	14	6
and during 1934 to (revised)	2,212,708	1	9
being an increase of	83,764	12	9

or, an increase of 3·79 per cent as against an increase of 6·00 per cent (revised) in the previous year, the increase in value being due to increased production.

The total amount paid in dividends—

	£	s.	d.
During 1935 was	517,352	4	0
and in 1934	504,621	10	0
being an increase of	12,730	14	0

The total dividends paid during the year by all the companies amounted to 34·18 per cent of the paid-up capital, the corresponding figure for 1934 being 33·34 per cent.

The royalty payable to Government on the gold and silver won and on dividends paid or "adjusted profits" amounted to—

	£	s.	d.
During the year 1935	195,467	18	6
and in 1934 (revised)	188,450	8	2
being an increase of	7,017	10	4

the increase being 3·72 per cent as against an increase of 62·31 per cent in 1934 (revised), which in itself was due to the revised lease terms that came into force from 1st January 1934.

II. Total Gold Production, Dividends and Royalty from 1882 to the end of 1935.

The total quantity of fine gold produced from the commencement of mining operations is—

	Ozs.
Up to the end of 1934	17,909,069·895
and for 1935	326,124·539
Grand Total ...	18,235,194·434

The total value of gold bullion produced—

	£	s.	d.
Up to the end of 1934 (revised)	79,514,233	14	4
and for 1935	2,296,472	14	6
Grand Total ...	81,810,706	8	10

Total dividends paid—

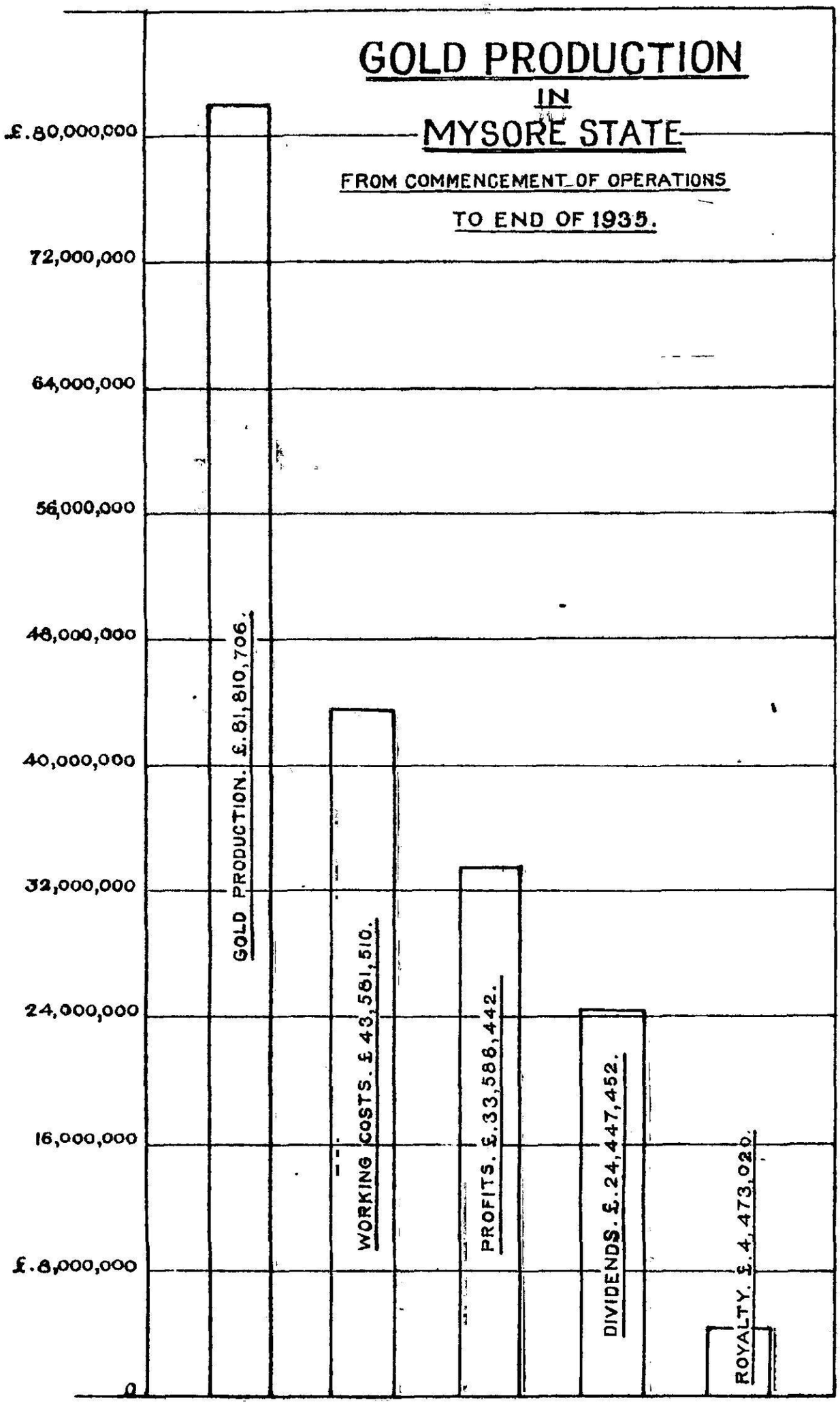
	£	s.	d
Up to the end of 1934	23,930,100	1	2
and for 1935	517,352	4	0
Grand Total ...	24,447,452	5	2

The amount of royalty which has been paid to Government is—

	£	s.	d.
Up to the end of 1934 (revised)	4,277,552	3	3
and for 1935	195,467	18	6
Grand Total ...	4,473,020	1	9

The total value of gold produced, working costs, profits earned, dividends declared and royalty paid from the commencement of operations to the end of the year 1935 are graphically represented in the following Chart I. The ratio of

Chart. I



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LITHO GOVT PRESS BANGALORE

total dividends and royalty paid to the nominal capital of the present working companies on the Kolar Gold Field works out at 15·46 and 2·87, respectively.

III. Statement showing the Amount of Royalty Payable to Government, the Amount Paid and the Balance still Due for the Year 1935.

(As furnished by the Comptroller).

GOLD (A).

No.	Name of Mine	Balance due on account of the previous year	Amount due for the current year	Total demand	Collection	Balance due (1st January 1936)
		Rs. a. p.	(a) Rs. a. p.	(a) Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Mysore	1,07,928 4 0	5,99,250 9 0	7,07,178 13 0	5,95,977 13 0	1,11,201 0 0
2	Champion Reef ...	79,424 5 0	4,70,949 12 0	5,50,374 1 0	4,71,656 12 0	78,717 5 0
3	Ooregum ...	59,327 6 0	2,84,546 9 0	3,43,873 15 0	2,81,588 13 0	62,285 2 0
4	Nundydroog ...	1,31,734 11 0	12,77,189 15 0	14,08,924 10 0	12,81,681 8 0	1,27,243 2 0
	Total ...	3,78,414 10 0	26,31,936 13 0	30,10,351 7 0	26,30,904 14 0(b)	3,79,446 9 0
	Total for 1934 ...	3,46,206 14 0	16,15,006 13 0	19,61,213 11 0	15,82,799 1 0	3,78,414 10 0

(a) These figures include the amounts paid during the year 1935 on account of royalty on dividends or "adjusted profits" and not the amounts actually due for the year 1935.

(b) In addition, a sum of Rs. 110-3-0 was recovered from the Secretary, Kolar Gold Field Mining Board, on account of royalty on confiscated gold.

SILVER (B).

No.	Name of Mine	Balance due on account of the previous year	Amount due for the current year	Total demand	Collection	Balance due (1st January 1936)
		Rs a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Mysore	213 1 0	400 1 0	613 2 0	449 15 0	163 3 0
2	Champion Reef	224 5 0	398 6 0	622 11 0	470 14 0	151 13 0
3	Ooregum	208 4 0	410 7 0	618 11 0	446 0 0	172 11 0
4	Nundydroog	388 8 0	703 3 0	1,091 15 0	817 15 0	273 12 0
	Total ...	1,034 2 0	1,912 1 0	2,946 8 0	2,184 12 0	761 7 0
	Total for 1934 ...	977 8 0	2,010 5 0	2,987 13 0	1,953 11 0	1,034 2 0

IV. Gold Production for the Six Months ending 30th June 1936.

Name of Mine		Fine Ozs.	Fine Ozs.	Value £ Sterling (estimated)
Mysore ...	Current Ore ...	47,939·65		
	Re-treatment of tailings-dumps	...		
	Other sources ...	...		
	Total ...	...	47,939·65	332,936
Champion Reef ...	Current Ore	34,540·79		
	Re-treatment of tailings-dumps ...	...		
	Other sources ...	..		
	Total ...	...	34,540·79	239,883
Ooregum	Current Ore ...	18,805·78		
	Re-treatment of tailings-dumps	6,270·60		
	Other sources ...	...		
	Total ...	...	25,076·38	174,153
Nundydroog	Current Ore ...	55,365·83		
	Re-treatment of tailings-dumps ...	1,056·31		
	Other sources ...	...		
	Total ...	...	56,422·14	391,847
	Grand Total	...	163,978·96	1,138,819

NOTE.—The figures in this statement are subject to revision.

Price of Gold.—All the gold produced during the year was sold in India in the Bombay market and the monthly average prices varied from 137·03 *Sh.* per oz. to 140·03 *Sh.* per oz. The average price for the year was 139·02 *Sh.* per oz. against 140·04 *Sh.* in the year 1935-36, a decrease of 1·02 *Sh.*

The accompanying Chart II shows the monthly rate of production and the average price of gold during the years 1931 to 1935 and the first half of 1936.

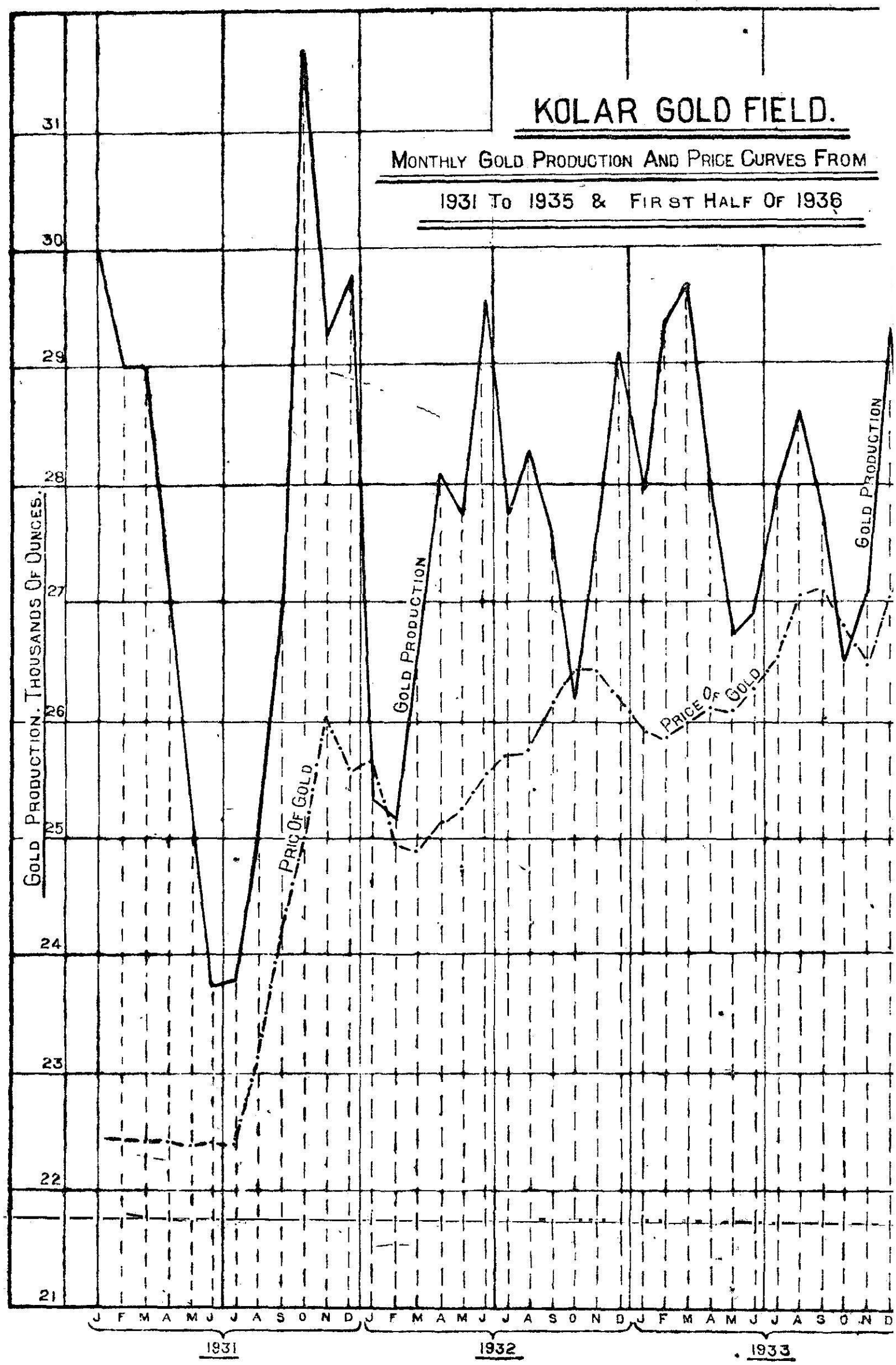

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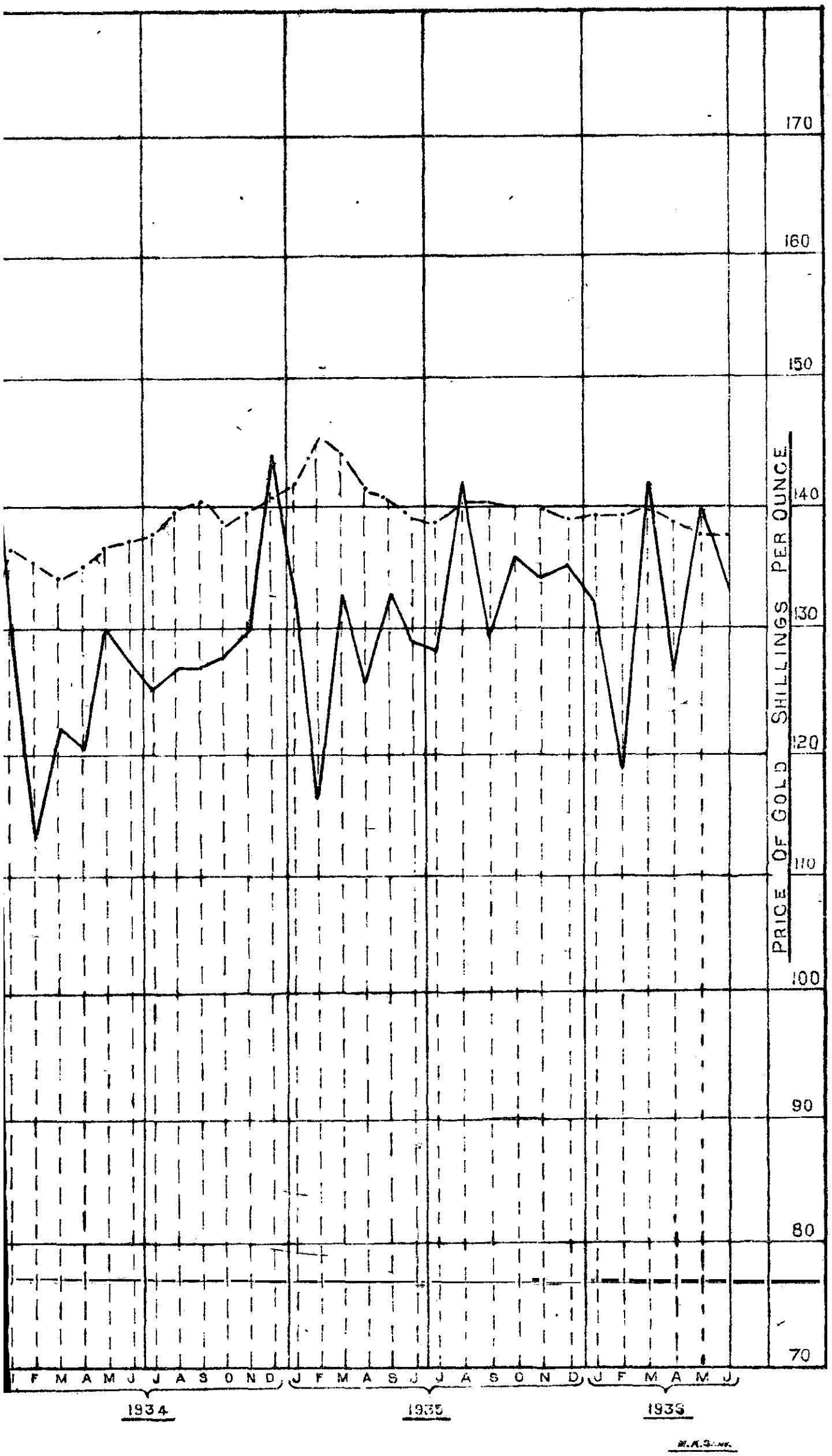
Chart II


170
160
150
140
130
120
110
100
90
80
70
PRICE OF GOLD SHILLINGS PER OUNCE
J F M A M J J A S O N D
J F M A S J J A S O N D
J F M A M J
1934
1935
1936

V. Number of Mines.

GOLD.

Active or Producing.

Mining operations were in progress on the following blocks on the Kolar Gold Field as in the previous year:—

1. Mysore Block, comprising Mining Leases Nos. 127, 128 129, 130, 134, 144, 151 and 152 worked by the Mysore Gold Mining Company, Limited.
2. Champion Reef Block, comprising Mining Leases Nos. 121 and 136 worked by the Champion Reef Gold Mines of India, Limited.
3. Ooregum Block, comprising Mining Leases Nos. 132 and 137 worked by the Ooregum Gold Mining Company of India, Limited.
4. Nundydroog Block, comprising Mining Leases Nos. 120, 123, 139, 145, 146, 162 and 163 worked by the Nundydroog Mines, Limited.

All the mines paid dividends for the year under report; the total amount distributed was £517,352-4-0 or 34·18 per cent of the paid up capital of all the Companies against £504,621-10-0 or 33·34 per cent in the previous year resulting in an increase of £12,730-14-0 or 0·84 per cent. The Nundydroog Mines, Limited, paid dividend at the same rate as last year *viz.*, 67½ per cent, and the Mysore and Champion Reef Companies at the rates of 27½ and 42½ per cent, respectively, an increase of 2½ per cent over last year. The Ooregum Company distributed dividends at 10 and 20 per cent on ordinary and preference shares, respectively, a decrease of 2½ per cent on both kinds of shares as compared with last year.

This year's mining operations resulted in an output of 326,124·539 ozs. of fine gold and 24,477·38 ozs. of silver, an increase of 4,991·355 ozs. of gold and a decrease of 1,013·84 ozs. of silver. The total value realised £2,296,472-14-6 was £83,764-12-9 more than that of the previous year which was due to the increased production. Details of gold production, value, royalty, etc., are available in Table I appended to this report.

The total quantity of current ore crushed by the four Mines and re-treatment of old tailings by the Champion Reef, Ooregum and Nundydroog Companies amounted to 709,211 tons and 393,833 tons as compared with 678,876 tons and 437,613 tons, respectively, in the previous year. The re-treatment of old tailings of the Champion Reef Mine was completed at the end of August 1935.

Ore Reserves.—The Champion Reef, Ooregum and Nundydroog Mines made additions to their ore reserves while the Mysore Mine showed a decrease of 9,000 tons. On the whole, there was an increase of 128,181 tons for the Field as compared with the reserves at the end of 1934.

The following statement gives the estimated reserves of ore at the end of 1935 compared with 1934:—

Name of Mine	1934	1935	Difference
	Tons	Tons	Tons
Mysore	431,000	422,000	—9,000
Champion Reef	405,489	448,241	+42,752
Ooregum	139,400	176,372	+36,972
Nundydroog	435,207	492,664	+57,457
Total ...	1,411,096	1,539,277	+128,181

In addition to the above, there is a further reserve of low grade ore payable at the present price of gold, details of which are given in the following statement :—

Name of Mine	1934	1935	Difference
	Tons	Tons	Tons
Mysore	242,000	283,000	+41,000
Champion Reef	78,033	107,619	+29,586
Ooregum	103,577	94,000	—9,577
Nundydroog	212,416	217,916	+5,500
Total ...	636,026	702,535	+66,509

The following statement gives the total tonnage of ore reserves including low grade ore (1935) and the average quantity crushed by each mine during the past five years :—

Name of Mine	Total reserves	Average tonnage crushed during the past 5 years
	Tons	Tons
Mysore	705,000	181,484
Champion Reef	555,860	118,676
Ooregum	270,372	143,538
Nundydroog	710,580	195,258
Total ...	2,241,812	638,956

Inactive or Non-Producing.

1. Krishnarajapur Block, Mining Lease No. 119.

2. East Betrayaswami Block, Mining Lease No. 118; option held by the Mysore Gold Mining Company, Ltd.

A prospecting license for gold and silver has been granted to the Indian Mines Development Syndicate, Ltd., over the whole State excepting Kolar Gold Field area and the Krishnarajapur Block for a period of 3 years. The results of prospecting are being watched with interest.

Ventilation.

The system of ventilation remained the same as last year. With the extension of the mines in depth, the demand for increased ventilation was met by the installation of larger fans and also by the provision of numerous auxiliary fans or boosters to supply adequate air to the development points not served by the main currents.

Two of the mines on this Field have reached vertical depths of over 7,800 ft. below field datum and the air temperatures at the bottom levels ranged between 104°F to 116°F dry bulb and 87°F to 95°F wet bulb, the difference between the two ranging from 14°F to 25°F, the rock temperature at this depth being 131·2°F. Although the problem of high temperatures underground is not very urgent at the present time, the mines are fast reaching a stage when the provision of an air cooling plant either on surface or underground, may have to be considered in the near future to further improve the present system of ventilation.

The following statement shows the number and particulars of fans installed in the mines working on the Kolar Gold Field :—

Statement showing the ventilation fans installed in the Mines working on the Kolar Gold Field.

Field Datum is 2,967·21 feet above sea level (Madras).

Number Installed	Number In use	Situation and depth below surface	Vertical depth below Field Datum	Type of Fan	Size, diameter of runner and width of casing in inches	Speed R. P. M.	Rated E. H. P. at surface	Volume of air in cubic feet per minute	Water gauge in inches	Size of Fan outlet
		MYSORE GOLD MINING COMPANY, LIMITED.								
1	1	Ribblesdale's 51st level ...	3,711	Sirocco	50"×36"	375	36	40,000	3·0	40"×40"
1	1	Do 57th do ...	4,302	do	50"×36"	375	19	28,000	2·75	40"×40"
1	1	Air Shaft 50th level ...	3,582	do	40"×18"	480	7	9,000	1·0	24"×24"
1	1	Rowse's, No. 2, 73rd level ...	5,891	do	40"×18"	480	36	23,000	2·5	24"×24"
1	1	North of Air Shaft 59th level ...	4,502	do	25"×15"	750	19	18,000	2·0	20"×20"
1	1	Edgar's Auxiliary 50th level ...	3,580	do	56"×64"	440	147	85,000	5·5	64"×86"
1	1	South Auxiliary 80th level ...	6,580	do	20"×7½"	1,430	14	5,000	2·5	11"×11"
1	1	North Auxiliary 80th level ...	6,580	do	20"×7½"	1,430	23	5,000	2·5	11"×11"
		CHAMPION REEF GOLD MINES OF INDIA, LIMITED.								
1	1	40th level, Heathcote's Converter Chamber.	3,633	Sirocco	30"×24"	715	15	22,000	2·0	30"
1	1	41st Rowe's ...	3,637	do	55"×46"	385	67	54,852	3·3	48"×64"
1	1	59th level S. of Heathcote Shaft ...	5,425	do	55"×46"	380	36	40,336	2·0	48"×64"
1	1	59th N. of Carmichael's Shaft ...	5,425	Aeroto	50"dia.	1,475	83	70,224	5·0	65"
		OOREGUM GOLD MINING COMPANY OF INDIA, LIMITED.								
1	1	Bullen's 66th level ...	6,076	Sirocco	56"×53"	380	93	90,000	4·0	66"×53"
1	...	Bullen's 66th level ...	6,076	do	50"×40"	360	36	41,000	3·0	40"×40"
1	1	Circular Shaft Fan at surface ...	100	do	77"×88"	362	252	225.000	4·1	88"×88"
1	...	Oakley's Shaft Fan at surface ...	133	do	84"×96"	296	204	208,000	4·0	96"×96"
1	1	Bullen's Induced Draught Fan ...	100	do	50"×40"	360	16	...	...	40"×40"
1	1	Auxiliary Shaft 73rd level ...	6,728	do	50"×40"	360	48	41,000	3·0	40"×40"
1	1	Auxiliary Shaft 80th Blower ...	7,428	Blower	14"dia	variable	..	75	...	14"dia.
2	2	Auxiliary Shaft 81st Blower ...	7,528	do	14"dia	do	...	75	...	14" ,,
1	1	Auxiliary Shaft 82nd level Blower ...	7,628	Sirocco	25"×20"	do	...	150	...	25"×25"
2	2	Auxiliary Shaft 82nd level ...	7,628	Hele-Shaw	15"×11"	do	...	130	...	15"dia.
1	1	Auxiliary Shaft 82nd level Blower ...	7,628	Blower	14"dia	do	...	75	...	14"dia.
1	1	Bullen's 79th level plat ...	7,328	Sirocco	25"×20"	do	...	150	...	25"×25"
1	1	Bullen's 80th level ...	7,428	Hele-Shaw	15"×11"	do	...	130	...	15" dia,
1	1	Bullen's 80th level Blower ...	7,428	Blower	14"dia	do	..	75	...	14" ,,
1	1	Bullen's 81st level Blower ...	7,528	do	14"dia	do	...	75	...	14" ,,
1	1	Bullen's 82nd level ...	7,628	Sirocco	25"×25"	do	...	150	...	25"×25"
		NUNDYDROOG MINES, LIMITED.								
1	1	48th Taylor's ...	4,186	Sirocco	56"×64"	416		85,000	5·10	48 sq. ft.
1	1	48th Balaghat ...	4,184	do	55"×40"	430		86,000	4·15	38·6" ,,
1	1	60th No. 4 Auxiliary ...	5,473	do	20"×11"	1,450		4,000	...	18" dia.
1	1	60th No. 4 Auxiliary sink ...	5,473	do	35"×30"	640		14,000	3·20	28" ,,
1	1	60th No. 1 do ...	5,473	do	35"×30"	550	370	11,000	2·00	28" ,,
1	1	60th No. 2 Auxiliary Drive ...	5,473	do	20"×11"	1,450		4,000	...	18" ,,
1	1	59th No. 2 do ...	5,325	do	35"×30"	550		13,000	3·25	28" ,,
1	1	58th No. 3 do ...	5,185	do	20"×11"	1,450		11,000	1·50	18" ,,
1	1	58th No. 3 do Sink ...	5,185	do	35"×30"	550		12,000	2·00	28" ,,
1	...	Taylor's Shaft, Nundydroog ...	Surface	do	55"×30"	360	...	42,000	2·50	30·0sq.ft.
1	...	Taylor's Shaft, Balaghat ...	do	do	55"×40"	395	...	30,000	2·00	38·6

Rescue Station.

The following notes kindly furnished by Messrs. John Taylor & Sons' Committee on the organisation and working of the Rescue Station on the Kolar Gold Field will be of interest:—

A Central Mine Rescue Station has been established on the Kolar Gold Field, since the year 1923, for the purpose of training selected employees of all classes in the use of oxygen breathing apparatus and gas masks. The services of the Rescue Station are available for employment in a fire emergency for the rescue of gassed or trapped men and for fire-fighting and recovery work.

The Station is centrally situated near the Ooregum Railway Station and is equipped with 58 sets of Proto Oxygen breathing apparatus and a number of Burrell and Puretha gas masks. A specially equipped motor lorry is housed in the Station and is always loaded with 18 fully charged Proto sets and six Burrell or Puretha masks together with refilling materials and necessary gear. This lorry can deliver rescue apparatus to the most distant shaft in 15 minutes at most. The lorry also carries 1,000 feet of hose pipe in lengths of 50 feet.

Two Eve-Riley rocking stretchers are kept at the Rescue Station for the resuscitation of men affected by gas poisoning. Two sets of Novita reviving apparatus and one "Sparklet" CO^2 Resuscitator are carried on the lorry.

The organization is controlled by Messrs. John Taylor & Sons' Committee and is under the direction of an officer-in-charge. An European Chargeman and his staff of three Indians reside at the station and are always on duty in case of emergency. The non-resident trained Rescue men number 145 and are drawn from the European, Anglo-Indian and Indian members of the underground staff of the four mines on the Field. Every man is practised monthly at the Station and quarterly underground. A history card is maintained for each trained man giving particulars of his service, attainments and the number of practices performed annually. Deputy Officers drawn from the senior European trained men are appointed on each mine to regulate the training under the officer-in-charge, and assume control of a fire emergency until the arrival of the officer-in-charge who is primarily responsible for the conduct of fire-fighting operations.

The Proto oxygen breathing apparatus with which the station is equipped is entirely self-contained and enables the wearer to work in a lethal atmosphere for periods up to two hours without recharging. The Burrell or Puretha mask is an apparatus used in early reconnaissance and affords protection against carbon monoxide, but cannot be used in an atmosphere deficient in oxygen. Masks are installed at all underground hoist chambers and winches for the protection of drivers who can thereby continue to work essential hoists during an emergency. These masks are the property of the mine concerned.

An aviary is maintained and stocked with small local birds. These birds are intended for use as gas detectors, but it has been found that with the great depth and high temperature obtaining in the mines on the Kolar Gold Field they are unsuitable in the majority of cases and reliance cannot generally be placed on their behaviour.

Ventilation sections of the mines are posted at the Rescue Station and the trained rescue men are instructed in the system in force at their mines and the measures to be adopted in a fire emergency.

A fire engine mounted on wheels and capable of being towed behind the rescue lorry is housed at the station and is available for combating surface fires.

"Safety-First" Campaign.

Lectures and talks are given to workmen every day at roll-call explaining the safety-first principles and the right and wrong method of doing work. Particular attention is drawn to avoidable accidents arising out of carelessness and negligence such as deepening sockets, drilling into misfires, working under unsupported or dangerous ground, hasty work, etc., and the evils arising therefrom are vividly brought home to the workmen with reference to accidents that may have occurred in the mine.

Pamphlets containing instructions to underground workers based on the mining rules printed in English, Tamil, Telugu and Malayalam are freely distributed amongst literate workmen with instructions to educate others that come under their influence.

A large number of workmen have been trained in "First-Aid" and regular classes are held to train recruits from time to time. Examinations are held every year and all the successful candidates are given money rewards to induce others to qualify themselves similarly. Fully equipped "First-Aid" stations have been opened at all important places underground and the stocks of first-aid materials there are replenished as and when required. The total number of workmen qualified to render first-aid during the past 10 years is about 1,500 and on an average 150 persons pass in the First-Aid examinations every year.

Base Minerals.

Chrome mining, one of the important base mineral concerns of the State, showed a decided improvement during the year due to favourable foreign market conditions. The market for manganese, another important mineral, continued to be dull during the year. Some mining was carried out at Hulikatte, Honnebagi

and Keshapur Mines for experimental purposes. At the latter mine, a concentrating plant has been installed by Mr. H. D. Coggan, the lessee, for improving the grade of low grade pyrolusite. The results are being watched with great interest. The Mysore Iron Works mined as usual large quantities of iron ore and limestone for their own use.

The following table shows the production in short tons of the important base minerals during the years 1934 and 1935 :—

		1934 Tons	1935 Tons	
Manganese	...	478·92	975·58	(497·28 tons were collected by the Mysore Iron Works for their own use).
Chromite	...	15,266·93	22,522·84	
Magnesite	...	3,490·48	4,641·84	
Kaolin	...	4,239·80	3,269·40	
Soapstone	...	118·72	117·60	
Iron Ore	...	43,650·88	26,901·28	For use at the Mysore Iron Works.
Limestone	...	3,831·52	6,608·00	For use at the Mysore Iron Works.
Graphite	...	266·95	167·60	For use at the Mysore Iron Works.

Further details regarding base minerals are found in Table 4 appended to this report.

VI. Notes on Mines.

Mysore Mine.

Compared with the year 1934 there was a larger output, the quantity of ore milled—189,004 tons—being about 12,000 tons more, while the production of gold was increased by 2,205 ozs. to a total of 94,711 ozs. The average price realised for the gold was £7-0-4½ per oz., or 2 *s.* 11½ *d.* more than in 1934, and the total revenue was increased by £27,775 to £638,313. The dividends distributed amounted to 2*s.* 9*d.* per share or 27½ per cent against 25 per cent in the preceding year, absorbing a sum of £167,750—the largest distribution for any year since 1917.

Development.—Reclamation and development work in the upper levels of the mine to get at the ore reserves rendered inaccessible by a series of rockbursts some years ago are being carried on vigorously through footwall drives and along the old reef drives. The north and south reclamation winzes have been connected up at the 39th level—footwall drive—and a footwall winze has been started below this horizon to serve as an alternative travelling way to exposed blocks of ground between the 39th and 45th levels. The opening up of this part of the mine with footwall drives has considerably improved the ventilation.

Plats have been cut at the 84th level in South Auxiliary Vertical, Edgar's Sub-Vertical and North Auxiliary Vertical Shafts which have been sunk below the 84th level 96, 118 and 133 feet, respectively. The deepest point in the mine is the sink of North Auxiliary Vertical Shaft, 7,113 feet below field datum.

The lode is now being explored at the 80th level and from the 76th level downwards the lode channel has been improving.

North Auxiliary Vertical Shaft has been equipped to the 84th level and development work is proceeding from the 82nd and 84th levels. South Auxiliary Vertical Shaft is being equipped to the 84th level in preparation for development from the 82nd and 84th levels.

The total amount of development work carried out during the year measured 18,011½ feet, an increase of 1,359½ feet over that of 1934.

An air-operated single drum winder has been installed at Gilbert's Shaft (surface) to release the 340 H. P. double drum electric winder for service at the 51st level, Edgar's Sub-Vertical Shaft. The Chamber for this engine at the 51st level has been completed, and the rope rise and other work essential for the installation is in hand. This winder will be used for equipping the Sub-Vertical Shaft.

The enlargement of the engine chambers at the 76th level, N. and S. Auxiliary Vertical Shafts, is under way with a view to electrifying both these winders.

In Pilot Shaft, a rise has been put up to surface from the 284 ft. level as an alternative travelling way to the workings.

The mine ventilation ways have been maintained and extended in depth as development proceeded.

Granite masonry supports in stopes and steel setting of levels has been continued throughout the year with satisfactory results.

The reserves of ore at 31st December 1935 were computed at 422,000 tons of an average grade of 13·1 dwt. This shows decreases during the year of 9,000 tons and 0·5 dwt., respectively. There is, in addition, a tonnage of probable ore of low grade estimated at 283,000 or 41,000 tons more than at the end of 1934.

Champion Reef Mine.

During the year 66,385 ozs. of fine gold were produced from 136,100 tons of ore, and 1,682 ozs. were recovered from 81,583 tons of tailings re-treated, making a total return of 66,067 ozs. of fine gold.

The average assay value of the ore milled was 9·96 dwt. of gold per ton and the extraction represented 97·94 per cent of the gold content.

Sales of bullion realised an average price of £7-0-6¾ per oz. as against £6-17-7½ in 1934 and amounted in all to £479,117-0-10; a dividend of 4*s.* 3*d.* per share or 42½ per cent was paid, an increase of 2½ per cent over last year.

Development operations underground in sinking, driving, cross-cutting and rising measured a total of 9,496 feet, or 2,506 feet less than in the previous year, the decrease being due principally to a reduction of work on Mundy's Lode, and also a lesser footage of sinking in North Main Winze.

Heathcote Shaft has been sunk 203 feet and lined in concrete, the bottom of the shaft being 214 feet below the 80th level or a vertical depth of 7,814 feet below surface, the deepest point in the mine. It has been equipped from the 78th to the 80th level and the cages are hoisting from this level. At the 80th level, footwall drives north and south are being put out, the south drive to the site of the new South Main Winze and the north drive to prove the lode north of Mysore north fault.

No mine on the Field made so splendid a response to development last year as Champion Reef. Glen Ore Shoot has been opened up to the horizon of the 80th level. The 79th and 80th levels have been driven on the ore shoot and are still in values. At the end of last year, the values at the 79th level, for 960 feet, averaged 28 dwt. per ton over a width of 40" while practically the same widths and values were disclosed at the 80th level. In addition, a substantial tonnage of low grade ore continues to be developed.

Support of Mine Workings.—Glen Ore Shoot represents an area of 25 acres to be supported and due to the enormous pressures at this depth it was considered advisable to have a more rigid support than waste-rock filling as hitherto. Flat back-stoping and supporting with granite packwalls has been introduced. This is proving a much better support; the packwalls are 20′ long with 4′ spaces in between which are used for ore passes but, when stoping is finished, they will serve as upcast air-ways which are necessary to promote better ventilation.

North Main Winze has been sunk 430 feet below the 76th level lined in concrete and fully equipped to the 80th level. The cages are hoisting from this level.

Gifford Shaft is being sunk from the 42nd level to the 70th level.

The reserves of ore at the 31st December 1935 were computed at 448,241 tons of an average grade of 11·86 dwt. of gold per ton, being an increase of 42,752 tons and 0·09 dwt. higher in grade compared with the estimate at the end of 1934. In addition, there is probable ore of low grade amounting to 107,619 tons as against 78,033 tons at the end of 1934.

Ventilation.—In addition to the existing fans a new Aeroto-type fan, capable of dealing with 60,000 c.ft. of air against 5½ inch water gauge was installed on the up-cast side at the 59th level, north drive. It has greatly improved the ventilation of the deep levels in this section. Dalyell's Shaft at the south end of the mine has been cleared from surface to the 5th level and Glen's Primary Shaft is also being cleared from surface to the 1,300 ft. level to ease the restriction in the upcast air-ways of the mine. The average volume of downcast air during the year was

114,000 c.ft. per minute as against 101,847 during the previous year, the average temperatures being 70·99°F dry and 66·17°F wet.

General.—The development results and the outlook for the future of this mine continue to be highly satisfactory. To enable the mine to be carried down to a vertical depth of at least 10,000 feet, steps are being taken to amplify the ventilating system and to make certain alterations to the shafts and winding arrangements.

The scheme includes the deepening of Gifford Shaft—the main artery of the Mine—to the 70th level, which is 6,550 feet vertically below surface, and the provision of a new electric winding engine to hoist from this depth. Sinking was resumed in March of this year; by cross-cutting to the position of the shaft it will be sunk simultaneously from different horizons to expedite its completion. This will be the deepest single stage winding shaft in this Field. Second stage winding will commence from the 70th level, where Heathcote Shaft will be connected to Gifford Shaft. The deepening of Gifford Shaft will also give downcast ventilation air an uninterrupted path to the 70th level, from where it will pass to the bottom of the mine down Heathcote Shaft. The upper part of Heathcote Shaft, from approximately the 70th to the 40th level, will be used as an upcast shaft and so provide the improved upcast ventilation way essential in this section of the mine.

It is estimated that the scheme which costs about £226,000 will take about 4 years to complete. To meet the extra expenditure the Company has increased its capital by £65,000 to £325,000 by the creation and issue of 130,000 shares of 10*s.* each at the price of 35*s.* per share or a premium of 25*s.*

Ooregum Mine.

Production reached its lowest point in 1934, *viz.*, 50,303 ozs., the decline having been continuous since 1927, but a welcome improvement was seen last year. This, coupled with the higher prices obtained for gold realised £367,752, a figure larger than any since 1928. The quantity of ore milled, 148,707 tons, was practically the same as the average for the previous ten years, while the value of the ore milled averaged 5·54 cwt. per ton. Of the 52,344 ozs. recovered last year, 40,352 ozs. were obtained from current ore, 11,905 ozs. from sand and slime retreated and 87 ozs. from accumulated matter.

The distribution in dividends for the year amounted to 2*s.* per share or 20 per cent on the Preference and 1*s.* per share or 10 per cent on the Ordinary Shares as against 22½ per cent and 12½ per cent, respectively, in the previous year.

Last year the development footage totalled 12,350 ft. or 1,036 ft. more than in the previous twelve months and it was attended with substantial additions to the ore reserves in the bottom of the mine. There were 176,372 tons of ore in reserve at the end of last year of an average grade of 9·57 dwt. per ton as against 139,400 tons of 9·38 dwt. at the end of 1934. In addition there were 94,000 tons of probable ore of low grade, but payable at the present price of gold.

The western ore shoot is developing satisfactorily in depth and has largely contributed to the increase of the reserves. Every third level is driven practically through the property. On the intermediate levels, development is confined to the opening up of the ore bodies and the necessary means of access to them. The 80th and 81st levels have been completed on the ore shoots with the exception of a short length at the 81st level at the S. end of the mine. The 82nd level which is being driven throughout the property is nearing completion.

In the upper part of the mine a considerable amount of ground has been stoped above the 1,610 ft. level in the reclaimed areas and at this level cross-cutting and driving have been undertaken in the exploration of the area in which Mundy's lode might be found.

Bullen's Incline Shaft has been deepened 278 feet during the year and has reached an incline depth of 4,564 feet below the 40th level or 297 feet below the 82nd level.

The Auxiliary Shaft has been deepened 268 feet during the year to a total depth of 3,374 feet below the 50th level or 3 feet below the horizon of the 85th level. Headings have been driven from the shaft at the 83rd and 84th levels and a large station at the 85th level is in course of completion.

Ventilation.—The main ventilation system remains unchanged but has been modified by the increasing depth of the mine in order to conduct the downcast air currents to the lowest workings. Increased use is being made of auxiliary fan units, electrically driven, for the ventilation of development points remote from the influence of the main air currents.

At the top of the Circular Shaft on surface — the main upcast duct — a new 95 inch two-stage Torpedo fan has been installed in place of the Sirocco fan hitherto in use. This has increased the volume of upcast air removed from the mine to 209,120 c.ft. per minute at 6·16 inches water gauge, having a temperature of 83·2°F dry bulb and 76·6°F wet bulb, relative humidity 73 per cent.

The deepest point in the mine is the bottom of the Auxiliary Shaft which is 7,934 feet vertically below field datum.

Nundydroog Mine.

During the year 235,400 tons of ore and 63,250 tons of accumulated tailings treated produced 111,157 ozs. of fine gold as compared with 110,536 ozs. for the year 1934. The average assay value of the ore milled was 9 dwt. 9·7 grains per ton. Of the gold content 97·9 per cent was extracted in the treatment plant. The average price realised for the gold was £7-0-9¼ per oz. as against £6-17-5 per oz. in the previous year and the total realisation was £783,684-8-11 as against £771,149-13-6. The amount distributed as dividends for the year 1935 was £191,025 equal to 67½ per cent, the same as that of the previous year.

Exploratory and development work in the mine totalled 23,073 feet as compared with 19,129 feet in 1934. The ore reserves at 31st December last were estimated at 492,664 tons of an average assay value of 14·07 dwt., an increase of 57,457 tons and a decrease of 0·52 dwt. in grade compared with the figures of the previous year. In addition there is a tonnage of probable ore of low grade estimated at 217,916 tons. At no time in the history of the mine has the reserve tonnage been as high as it was last year.

The rich fold that had been developing downwards in Taylor's Section in the southern part of the mine for some years continued to give excellent results on the 60th and 61st levels but below the latter it has lost its distinctive character and has become merged into the normal lode channel on the 62nd level. In the Oriental Section to the north, the position in the bottom levels remained much as it was in 1934, plenty of quartz of good width, but for the most part of rather low grade. The lode in Kennedy's Section in the centre of the mine continues to disclose irregular values with short stretches of high-grade ore.

Nine Reefs.—The old workings have been dewatered from the 650 ft. to the 1,050 ft. level. Exploratory work in connection with wall-to-wall exposures of the reef and a considerable amount of reclamation work, together with a comprehensive resampling of the workings have been undertaken. Out of the 4,726 tons broken during the year, 1,337 tons of selected ore having an assay head value of 13·84 dwt. were treated.

Richards' Incline Shaft which is being extended from the 44th to the 48th level has reached a point 224 feet below the 44th level and should be completed by the end of 1936. This will ease the demand on Henry Shaft besides improving ventilation.

The South Ventilation Duct from the 57th level has been extended 362 feet and now communicates with the 59th level. The Ventilation of the mine has been satisfactory.

The deepest point in the mine is the sink of No. 4 Auxiliary Shaft which is 6,331 feet below field datum.

Reduction Plant.—The Collector and Agitator portions of the plant have been re-organised and an additional 50 feet diameter collector and a Pachuca are now in course of erection. When completed, these works will be followed by an addition to the Butters' Filter Plant and thus bring the capacity of the Cyanide Plant up to 30,000 tons per month early in 1937.

General.—A new electric transmission feeder line has been erected between the Government Station and the Reduction Plant.

Also, another transmission line is now being laid from Balaghat Transformer House to Henty's Shaft, Nine Reefs, and thence to No. 1 Shaft, Road Block. This line will supply power for electric pumps for the dewatering of Road Block old workings.

VII.—Electric Power Supply.

(a) Cauvery System.

The following statement, kindly furnished by the Chief Electrical Engineer to Government, shows the number of motors in service and the power consumed by the different mines during the calendar year 1935 :—

Name of Mine	Number of motors in service	Nominal H. P.	Rated H. P.	Average Constant H. P. absorbed	Annual consumption in B. T. U.
Mysore ...	51	5,135·0	4,407	3,252	21,255,500
Champion Reef ...	26	5,530·0	5,383	3,634	23,750,800
Ooregum ...	34	5,177·5	3,753	2,630	17,190,500
Nundydroog ...	42	5,376·5	4,822	3,929	25,679,600
Total ...	153	21,219·0	18,365	13,445	87,876,400
Total for 1934 ...	164	21,798·5	18,521	13,152	85,953,300

(b) Kolar Mines Power Station, Limited.

The following notes have been kindly furnished by Mr. J. A. V. Rowe, Chief Electrical Engineer, for the year ended 30th June 1936 :—

At the 30th June last, 321 motors with an aggregate horse power of 28,083·625 were connected to this Company's distribution systems and, of that number, 102 motors aggregating 20,630·75 horse power were operating Winding Engines and Hoists, while the remainder, *viz.*, 219 motors with a total of 7,452·875 horse power were being used to drive intermittent loads of other classes.

The consumption of power for different purposes during the year is given below in Board of Trade Units :—

	Intermittent Power.	*Hoisting.*	*Lighting.*	*Refrigerator.*
	8,484,242	13,577,201	806,677	6,686
Total Units sold ...	22,874,806.			

The rates prevailing at the 30th June 1936 were as follows :—

Intermittent Power	·4 d.
Hoisting	·55 d.
Lighting	4·5 d.
Refrigerator	·75 d.

The horse power of 162 motors which were connected to the Cauvery System at June 30th totalled 17,888 horse power at Government rating or 21,321·5 at manufacturer's ratings. Adding the latter figure to the figure for the Kolar Mines Power Station, Limited, a total of 49,405·125 is arrived at as the total horse power of motors in service on the Mines at 30th June 1936.

No stoppages owing to scarcity of water were experienced during the period in question.

COMPARATIVE STATEMENT OF POWER CONSUMPTION.

Official year	Cauvery Power		Kolar Mines Power		Total number of motors in use	Total consumption in B.T.U. from both Stations
	Number of motors in use	Annual consumption in B. T. U.	Number of motors in use	Annual consumption in B. T. U.		
1924–25 ...	165	95,533,550	164	7,662,490	329	103,196,040
1925–26 ...	166	90,421,604	172	8,262,284	338	98,683,888
1926–27 ...	149	85,214,687	198	11,149,016	347	96,363,703
1927–28 ...	143	97,190,966	219	13,968,284	362	111,159,250
1928–29 ...	151	84,109,600	237	14,557,406	388	98,667,006
1929–30 ...	156	80,945,652	260	15,071,035	416	96,016,687
1930–31 ...	158	82,646,288	276	18,405,923	434	101,052,211
1931–32 ...	161	75,766,200	273	18,501,739	434	94,267,939
1932–33 ...	163	76,133,500	270	19,364,667	433	95,498,167
1933–34 ...	160	81,360,300	264	21,310,574	424	102,670,874
1934–35 ...	161	87,954,150	303	21,016,580	464	108,970,730
1935–36 ...	160	87,335,710	321	22,874,806	481	110,210,516

C.—CHROMITE, MANGANESE, MAGNESITE, KAOLIN, GREEN QUARTZITE, RED-EARTH, SOAP-STONE AND SLATE-STONE

CHROMITE.

The number of mining leases current for this mineral was 10 as in the previous year, including three of the Tata Iron and Steel Company, Limited, which are held both for chrome and magnesite. Work was done on seven blocks as against four in the previous year. The excess removal was from previous stocks held.

Name of Block	District	No. of M.L.	Output	Quantity removed from block	Royalty-payable
			Tons	Tons	Rs. a. p.
1. Sinduvalli ...	Mysore ...	147	7,450·55	7,416·72	5,562 8 0
2. Chickkattur ...	Do ...	155	38·56	6·46	6 7 0
3. Bhaktarahalli ...	Hassan ...	158	1,875·00	3,656·75	2,742 9 0
4. Chikkonhalli ...	Do ...	159	2,275·00	2,338·75	1,949 5 0
5. Jambur ...	Do ...	160	1,550·00	65·50	65 8 0
6. Sunkadhalli ...	Do ...	172	57·18	34·68	52 0 0
7. Pensamudra ..	Do ...	174	21·723	58·723	88 1 0
	Total ...	...	13,268·013	13,577·583	10,466 6 0

MANGANESE.

Three mining leases and three prospecting licenses were current for this mineral as against three mining leases and two prospecting licenses during the previous year. Occasional demands in the Japanese markets for the low grade 40 per cent ores have stirred up to a certain extent the dormant interest in the exploitation of our manganese deposits. This has only resulted till now in the receipt of a number of applications afresh for prospecting licenses for the mineral, but the actual work done on the blocks already held under such licenses and leases has not shown any striking progress. In view of the prevailing low price of about 1*s.* a unit for good grade ores, at the continental ports, the high transportation charges seem to stand in the way of their large scale development.

The particulars of output from the various blocks are shown hereunder:—

Name of Block	District	No. of M. L. or P. L.	Output	Quantity removed from the block	Royalty payable
			Tons	Tons	Rs. a. p.
1. Hulikatte ...	Chitaldrug ...	M. L. 171	307·5	50·00	62 8 0
2. Keshapur ...	Do ...	M. L. 176	59·8	86·80	54 4 0
3. Keshapur ...	Do ...	P. L. 768	80·0	4·00	2 8 0
4. Honnebagi ...	Tumkur ...	P. L. 769	115·0	..	...
		Total ...	562·3	140·80	119 4 0

MAGNESITE.

As in the previous year, three mining leases held by Messrs. The Tata Iron and Steel Company, Limited, were current for this mineral but as usual only the Dodkanya Block was worked. The output was 3,796·32 tons and the removal 1,735·25 tons on which a royalty of Rs. 2,712-7-0 has been paid.

KAOLIN.

Two mining leases held by the Kolar Brickmaking Company, Limited, were current for this mineral. The total output for the year was 2,503·69 tons and the entire quantity was removed from the blocks under payment of royalty of Rs. 2,075-10-0.

Five prospecting licenses were also current for this mineral in the Bangalore and Kolar Districts. Under cover of these licenses, 30 tons were won and removed yielding a royalty of Rs. 30.

GREEN QUARTZITE.

One prospecting license was current for this mineral in the Kadur District. Except for an output of two tons of the material, there was little activity on the block.

RED-EARTH.

Eleven thousand and sixteen c.ft. of this material were won and removed by the Kolar Brickmaking Company, Limited, from the mining lease areas held by the Nundydroog Mines, Limited, for manufacturing roofing tiles. A royalty of Rs. 48-3-0 was realised on the removal.

SOAP-STONE.

The output of this mineral for which three collecting licenses were current in the Tumkur District was 90 tons. Ninty-three tons were removed from the blocks, the excess being from the stocks held. A royalty of Rs. 170 was realised in respect of this mineral.

SLATE-STONE.

Two prospecting licenses were current for this mineral in the Tumkur District the output and removal being 11 tons on which the royalty realised was Rs. 13-12-0

DEMAND, COLLECTION AND BALANCE STATEMENT OF MINING REVENUE AND GEOLOGICAL RECEIPTS, OTHER THAN ROYALTY ON GOLD FOR THE YEAR 1935-36.

Items	Opening balance	Demand	Total	Collection	Closing balance
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. Royalty on other minerals.	...	15,707 9 6	15,707 9 6	15,655 9 6	52 0 0
2. Rent on mining and other prospecting lands.	...	45,564 14 8	45,564 14 8	45,564 15 3	7 pies paid in excess.
3. Other receipts ...	...	5,697 2 0	5,697 2 0	5,697 2 0	...
4. Geological Receipts ...	0 9 0	8,261 8 3	8,262 1 3	8,261 8 3	Balance 9 annas written off as per orders of Govt.
5. By sale of chromite ore.	...	79,500 0 0	79,500 0 0	79,500 0 0	...
Total Gross Receipts ...	0 9 0	1,54,731 2 5	1,54,731 11 5	1,54,679 3 0	52 8 5

The above information is extracted from particulars kindly furnished by the Director, Mysore Geological Department.

Figures relating to output of chromite, iron ore, limestone, etc., during the calendar year 1935 in the areas worked by Government Agency are contained in Table 4, appended to this report.

D. OFFICIAL DUTIES—1935-36.

Constitution of the Department.—There have been no alterations in the constitution of the Department which was as follows:—

Chief Inspector of Mines and Explosives in Mysore	...	Mr. C. E. Suryanarayana Rau, MEM.A.I.M.E., &c.—
Inspector of Mines (Ag.)	...	... „ K. Duraiswamier, B.A., ASSOC.I.M.M.
Assistant Inspector of Mines (Ag.)	...	... „ V. Narayana Rao, B.A.
Junior Inspector of Mines (Provisional)	...	... „ J. P. David, B.Sc.
Prabationer	...	... „ R. S. Batni, B.A., A.I.S.M.

Deputation.—Government in their Order No. D. 5753-54—Geol. 58-35-3, dated 19th March 1936, sanctioned the deputation of Mr. K. Duraiswamier, Ag. Inspector of Mines, to South Africa, for a period of about six months for training in modern methods of mining work and practice in some of the important gold mining centres there. Mr. Duraiswamier left for South Africa on the 7th July 1936.

OFFICE INSPECTION.

The annual inspection of the office was carried out in April 1936 and everything was found to be in order.

STATISTICS OF BUSINESS.

During the year 2,732 letters were received and 2,880 despatched, compared with 2,658 and 2,586, respectively, in the previous year.

STORES AND STOCK-TAKING.

The stock registers relating to furniture and other articles have been written up-to-date. These were checked as required by Codal Rules and found to be correct.

INSPECTION OF MINES—KOLAR GOLD FIELD.

The mines on the Kolar Gold Field have all been systematically inspected by the Inspectors of Mines throughout the year besides the numerous inspections carried out both underground and on surface in connection with accidents. These inspections entail much hard work under extremely trying conditions as the mines have reached great depths — two of them being over 7,800 ft. vertically below field datum — where rock temperatures are very high. The inspection work is extremely arduous and enervating requiring great physical exertion. No serious defects or lapses of the mining rules have been brought to light by these inspections and the mining authorities have always readily and willingly co-operated with the Department in adopting all possible measures to prevent accidents and any suggestions made for improving the safety of workmen or for alleviating the natural discomfort of the deep working places have been favourably considered and carried out at considerable expense.

Enquiries into all fatal and serious accidents have been held, including those classed as trivial or non-mining in which a breach of the rules occurred or was suspected to have taken place. The persons responsible for breaches of rules were either prosecuted or dealt with departmentally according to the gravity of the offence.

EXAMINATION OF CANDIDATES FOR CERTIFICATES UNDER THE MINING RULES.

Under Rules 15 and 16, Mysore Mining Rules, examination for the grant of certificates of Mestris, Blasters and Engine Drivers (1st and 2nd class including Loco. Drivers) are conducted by the Department once a week. In all, 619 candidates were examined during the year.

The following statement shows the number of candidates examined and certificates granted up to the end of June 1936:—

Year	Mestris		Blasters		Engine drivers			
					First Class		Second Class	
	Number examined	Number passed	Number examined	Number passed	Number examined	Number passed	Number examined	Number passed
Total up to end of June 1935.	14,767	14,499	9,904	9,221	459	459	352	352
For 1935-36 ...	367	367	201	160	17	17	34	34*
Total up to end of June 1936.	15,134	14,866	10,105	9,381	476	476	386	386

*Includes 7 Loco. Drivers.

On application and after verification, 35 duplicate tickets (discs) were issued to mestris who had lost the originals.

The fees realised during the year from candidates appearing for the above examinations, issue of duplicate discs and fees levied for testing lightning conductors attached to explosives magazines, etc., amounted to Rs. 2,842-14-9 as against Rs. 2,429-8-0 in the previous year.

Inspection of Mining Accounts.

In accordance with the Standing Orders of Government the annual inspection of the accounts of one of the Gold Mining Companies, *viz.*, the Champion Reef Gold Mines of India, Limited, was carried out on the 20th August 1936 by the Deputy Comptroller to Government in association with the Chief Inspector of Mines and Explosives. The inspection work was facilitated by the help rendered by the Resident Auditor, Messrs. John Taylor & Sons' Committee and the Company's Accountant.

The gold production statements and accounts connected therewith for the months of September 1935 and March 1936 were inspected in detail with reference to the several registers maintained in the office and the vouchers and other documents in support of the charges in the Royalty statements were examined. Copies of the National Bank of India Sale Accounts and the Mint Returns received in the Comptroller's Office were compared with the originals and found to agree.

Inspection of Mines—Outside Kolar Gold Field.

The following blocks outside the Kolar Gold Field were inspected during the year:—

Mysore District.—		
Sinduvalli ...	Chrome ...	Mining Lease No. 147
Dodkanya ...	Magnesite ...	do 150
Talur ...	Chrome ...	Government area.
Chitaldrug District—		
Hulikatte ...	Manganese ...	Mining Lease No. 171
Keshapur ...	do ...	do 176
Mahadevapur ...	do ...	do 173
Hassan District.—		
Byrapur ...	Chrome ...	Government area.
Bhaktarhalli ...	do ...	Mining Lease No. 158
Chikkonahalli ...	do ...	do 159
Jambur ...	do ...	do 160
Pensamudra ...	do ...	do 174
Sunkadahalli ...	do ...	do 172
Tumkur District.—		
Hatyal ...	Slatestone ...	Prospecting License No. 756
Gollarahalli-Honnebagi	Manganese ...	do 757
Manchekatte ...	Slatestone ...	do 764
Beerasandra ...	Soapstone ...	Collecting License Nos. 124, 125 and 126
Kolar District.—		
Karadibande ...	Kaolin ...	Mining Lease No. 154
Thinnalu ...	do ...	do 175

Except Sinduvalli Mine in Mysore District all the others are worked on the "open cast" system.

II. Labour Employed.

The total number of persons employed in the Mining Industry in 1935 was 23,801 as against 22,640 in the previous year.

Of this number, 22,271 were employed in gold mining against 21,514 in 1934; 111 on manganese against 38; 813 on chromium against 505; 160 on iron ore against 185; 190 on magnesite against 159; 58 on kaolin against 81; 17 on soapstone against 24; 4 on green quartzite against 4; 26 on felspar against 13; 43 on crude graphite against 37; 26 on quartz against 7; 15 on slatestone against 6; and 67 on limestone against 51.

Of the 22,271 persons employed in gold mining 339 were Europeans, 491 Anglo-Indians and 21,441 Indians, a total of 14,120 being employed below ground and 8,151 on surface. Of the latter, 998 were women and 518 children under 12 years of age.

There is no change in the general working hours underground or on surface. But in sinking large shafts at the deeper levels of the Champion Reef and Nundydroog Mines, the usual three shifts of eight hours each have been changed to four shifts of six hours each to expedite development in depth. The average wages paid to different classes of Europeans and Indian employees per month are embodied in Table 5 attached to this report.

The following statement gives the average number of hours worked and the average earnings per person per week in 1935 in respect of labour employed by the gold mining companies and their allied departments on the Kolar Gold Field.

Average number of hours worked per person per week		Average weekly earnings per person	
Underground	Surface	Skilled	Unskilled
		Rs. a. p.	Rs. a. p.
46	55	8 1 1	3 11 3

Labour Troubles.

Consequent on the introduction by the Mysore Gold Mining Company of a local measure to curtail Sunday work, some of the workmen who were affected by it misrepresented matters to their co-workers, as a result of which a majority of them refrained from going to work on 30th July 1935 and assumed a very aggressive attitude. The trouble soon spread to the neighbouring mine also but by prompt measures the situation was brought under control and normal conditions of work were restored by 3rd August 1935.

Welfare Work.

The scheme organised in 1931 for the Welfare of labourers on the Kolar Gold Field is making steady progress in all directions. The welfare activities continued to receive attention. Additional living houses, sanitary improvements, play fields, amusements, refreshment stalls and washing and bathing facilities were provided during the year.

The Central Welfare Committee have organised a Travelling Cinema to give two shows on an evening a week on each mine. This cinema is very popular and large crowds gather and appreciate the performance. It is intended to use the cinema for lectures on health, hygiene, temperance and "Safety-First."

Maternity houses and clinics have been opened on each of the mines during the year where expectant mothers are confined under more pleasant and hygienic conditions. Thirty-five per cent of the deliveries for the whole Field have taken place in these homes since their inception.

Annual sports for labourers and their children take place on each mine. A very high order of running and jumping was witnessed last year. Grants for prizes were made from the Central Welfare Committee Funds.

Apart from athletic sports, one of the most interesting items on the programme was a rock-drilling competition organised by the Chief Underground Agent of each mine.

Arising out of these sports, an Inter-Mine competition was held on 28th March 1936 for a Shield presented by Mrs. Sydney Taylor for all round proficiency. Great keenness and interest was shown by the contestants and the Champion Reef Mine are the first holders of the Shield.

Miners' Phthisis.

By Government Order No. P. 846—Legis. 7-36-1 dated 31st July 1936, miners' phthisis or silicosis has been added to the list of occupational diseases specified in Schedule III of the Workmen's Compensation Regulation XIV of 1928.

III. Accidents.

(a) Statistics for the year 1935.

The total number of accidents reported during the year 1935 was 277 against 336 in the previous year—

Of these accidents :—

	44 were fatal,
	230 serious and
	3 non-mining
Total ...	277

The total number of fatal and serious accidents was therefore 274 which works out at the rate of 11·51 per 1,000 persons employed as against 14·40 in the previous year.

Enquiries were instituted into all the 274 accidents reported to this Department and inspections were also made in connection with accidents of more than ordinary importance.

Of the above 274 accidents :—

19 or 6·93 per cent were due to negligence,
24 or 8·76 per cent were due to recklessness and
231 or 84·31 per cent were classed as unavoidable.

The corresponding figures for the year 1934 were :—

19 or 5·83 per cent were due to negligence,
19 or 5·83 per cent were due to recklessness and
288 or 88·34 per cent were classed as unavoidable.

In the 44 fatal accidents, 57 persons were either killed or died as a result of injuries received giving a mortality of 2·39 per 1,000 persons employed against a mortality of 2·47 during the year 1934.

The death rate in the gold mines which as usual employed the largest number of labourers was 2·38 per 1,000 against 2·61 in 1934.

The following Chart III shows the total number of persons killed in accidents in the mines during the years 1906 to 1935 and the accident death rate per 1,000 persons employed. The average death rate for the whole period is 3·14 per thousand and the rate for the year under report is 2·38 as against 3·16 and 2·61 in the previous year.

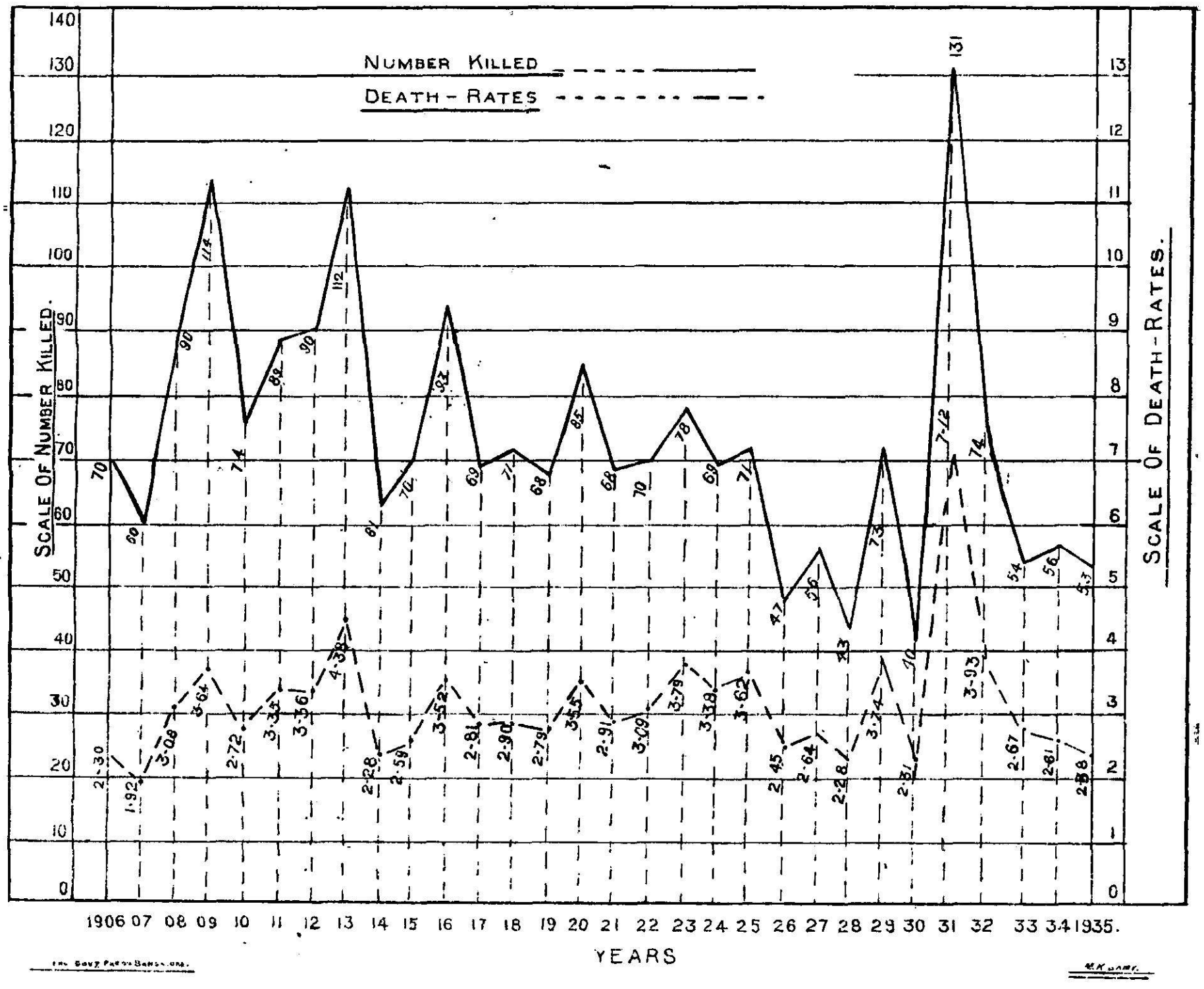
Of the 44 fatal accidents in 1935 :—

31 or 70·45 per cent were unavoidable,
7 or 15·91 per cent were due to recklessness, and
6 or 13·64 per cent were due to negligence.

KOLAR GOLD FIELD

TOTAL NUMBER KILLED BY ACCIDENTS AND ACCIDENT DEATH RATES PER 1,000 PERSONS IN SERVICE PER ANNUM

Chart III



There were five individual accidents involving two or more fatalities, one of these occurring in Champion Reef, three at Nundydroog and one at Sinduvalli Mine.

In the above five cases, 18 persons lost their lives compared with 8 and 18, respectively, in the previous year.

In the 12 separate accidents due to rockbursts, 21 persons were killed, compared with 10 and 15, respectively, in the previous year. Of the above, one took place at Mysore Mine, two at Champion Reef, five at Ooregum and four at Nundydroog.

Four fatal accidents due to explosives occurred underground involving the death of five persons against two and three, respectively, in the previous year.

Falling away in shafts, winzes and stopes accounted for 11 fatalities in 11 separate accidents against eighteen and twenty-one in the previous year.

Classification of Accidents in 1935.

	Fatal accidents	Non-fatal accidents	Deaths	Serious injuries
1. Rockbursts	12	28	21	49
2. Falls of ground	2	6	2	8
3. Falling in shafts, stopes, etc.	11	10	11	10
4. Explosives (misfires, etc.)	4	9	5	16
5. Trucks and Tramways	1	28	1	28
6. Run over or struck by skips or cages, etc. ...	1	1	1	1
7. Hoisting	3	3	3	3
8. Other machinery	...	1	...	1
9. Falls of rock and materials in shafts, stopes, etc.	5	52	5	52
10. Ropes and chains breaking	...	...	...	...
11. Other causes	5	92	8	93
Total ...	44	230	57	261

Chart IV on the next page shows the curves of rate of underground accidents per 1,000 in the Kolar Gold Field Mines. The curve for the total number of men involved in accidents per 1,000 reached the peak of about 27 in the year 1929. The average rate during the past 12 years is about 20 per 1,000. The rate curves for accidents and serious injuries have both improved for the better during the year 1935. The curve for death rate which reached the peak point in 1931 has been on the decline eversince irrespective of the increase of the underground labour from about 8,500 to 14,000 at the end of 1935.

Non-casualty accidents reported under rule 165 of the Mysore Mining Rules.

There were nine accidents reported under this head caused as follows:—

1.	Engine running out of control	0
2.	Fracture of essential part of winding engine, crank shaft, couplings, gearings, clutch drum or drum shafts.	0
3	Fracture of winding rope or its attachments to skip, cage or drum ...	0
4.	Fracture of pit-head sheave or axle	0
5.	Failure of efficiency of brake	1
6.	Failure of safety catch to act when required	0
7.	Failure of device for prevention of overwinding or of detaching hook to act when required.	0
8.	Overwinding of cage or skip	8
9.	Bursting of anything containing steam, compressed air or other substance at high pressure.	0
	Total ...	9

Of the nine accidents reported during the year, 8 were due to overwinding of the cage or skip and one to a faulty design in the valve system of an emergency brake. Seven of the overwinds occurred in electric winders and one in an air hoist. Of the nine accidents, eight were due to carelessness of drivers and one to faulty

design. Action was taken against the eight drivers who were responsible for over-winds, five were severely reprimanded and warned while the remaining three were fined, the amount of fine ranging from Rs. 5 to Rs. 15.

As all the important winders are provided with safety devices, no serious damage was caused to the winders or to the shaft equipment.

(b) Compensation for Fatal and Serious Accidents in Mines on the Kolar Gold Field for the year 1935-36.

During the year, 164 claims for compensation comprising 73 fatal, three permanent total disablement and 88 permanent partial disablement arose from accidents in the mines on the Kolar Gold Field and the compensation awarded under all the above heads amounted to Rs. 91,885-13-0 as against Rs. 62,895-11-0 paid in the previous year. Besides the above, compensation amounting to Rs. 19,883-3-0 was paid in cases of temporary disablement in pursuance of Section 4 (*d*) of the Workmen's Compensation Regulation as against Rs. 22,762-5-0 paid in the previous year.

An extract from the report of the Commissioner on the administration of the Workmen's Compensation Regulation on the Kolar Gold Field during 1935-36 is given in Appendix I of this Report.

The following statement shows the number of Fatalities, Permanent and Temporary Disablements and compensation paid by the mines working on the Kolar Gold Field during the year ended 30th June 1936 :—

Name of Mine	(a) Number of cases				(b) Compensation paid				
	Fatal	Permanent Total Disablement	Permanent Partial Disablement	(c) Temporary Disablement	Fatal	Permanent Total Disablement	Permanent Partial Disablement	Temporary Disablement	Total
	No.	No.	No.	No.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.
Mysore ...	19	...	26	695	14.877 8	...	9,889 0	5,463 14	30,230 6
Champion Reef ...	15	...	27	807	9,897 8	...	10,780 9	4,542 1	25,220 2
Ooregum ...	19	...	13	537	13,167 8	1,260 0	4,968 12	4,009 5	23,405 9
Nundydroog ...	20	3	22	958	15,740 0	1,303 5	9,587 3	5,766 1	32,396 9
Allied Depts. ...	...	...	...	16	...	..	414 8	101 14	516 6
Total ...	73	3	88	3,013	53,682 8	2,563 5	35,640 0	19,883 3	111,769 0

(a) Several claims are still outstanding and continue to receive compensation.
(b) Includes payments made in respect to claims arising previous to this period.
(c) Only such disablements as last for more than ten days are shown in the above.

The following amounts were paid as compensation in the previous years :—

Year.	*Total amount of compensation paid.*
	Rs. a. p.
1930–31	1,05,853 14 0
1931–32	1,31,344 9 0
1932–33	71,900 12 0
1933–34	79,454 12 0
1934–35	85,658 0 0

(c) Notes on Important Accidents during the official year 1935-36.

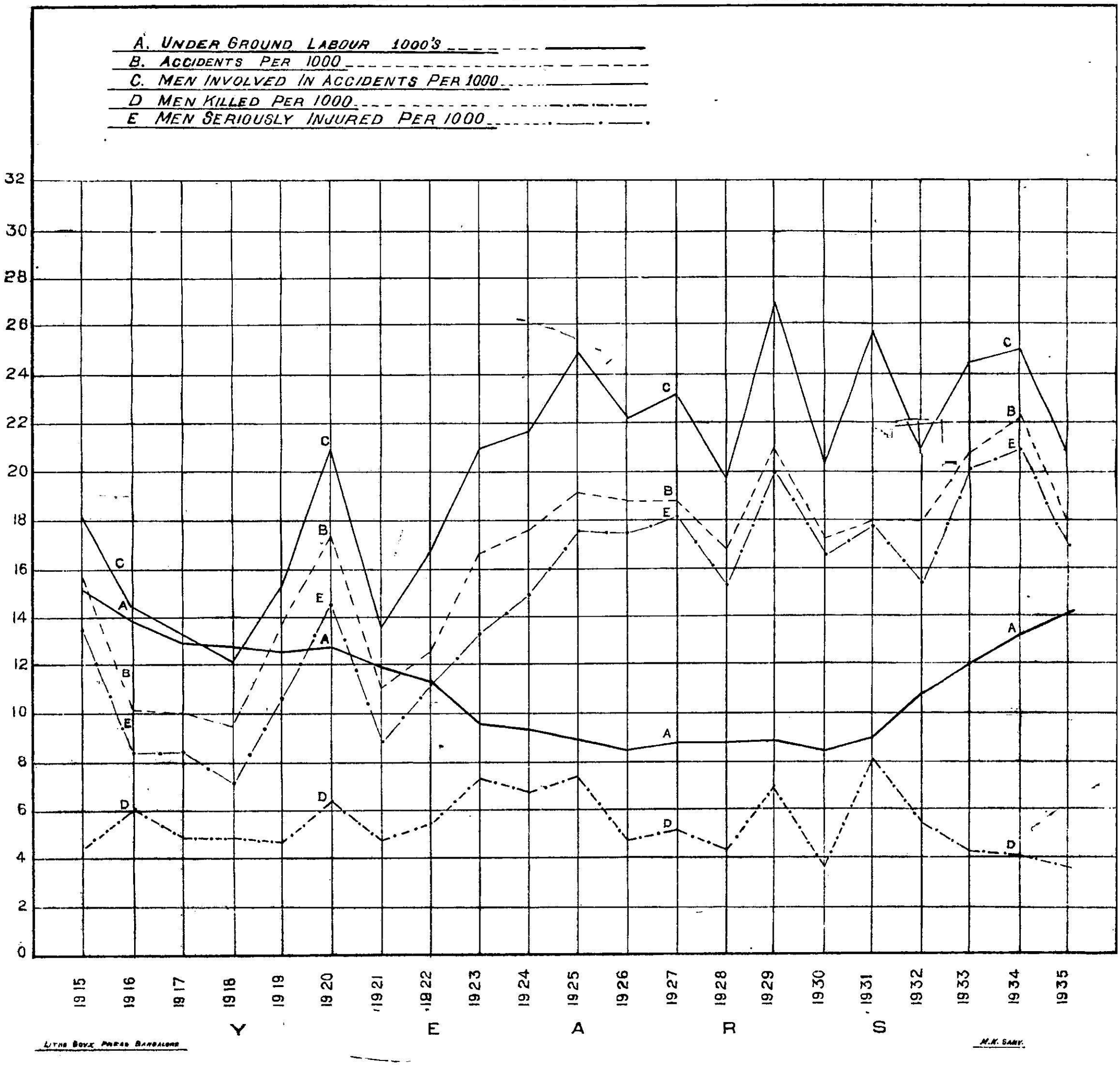
There were eight accidents involving the loss of two or more lives during the period accounting for 22 fatalities as against six accidents and 17 deaths during the previous year. Of these, five were due to rockbursts causing 15 deaths, one of them alone being responsible for seven deaths. Explosives accounted for three accidents and seven deaths.

Cause	No. of Accidents	No. of Fatalities
Unavoidable	5	15
Negligence	3	7
Recklessness	...	...
Total ...	8	22

KOLAR GOLD FIELD

UNDERGROUND ACCIDENTS

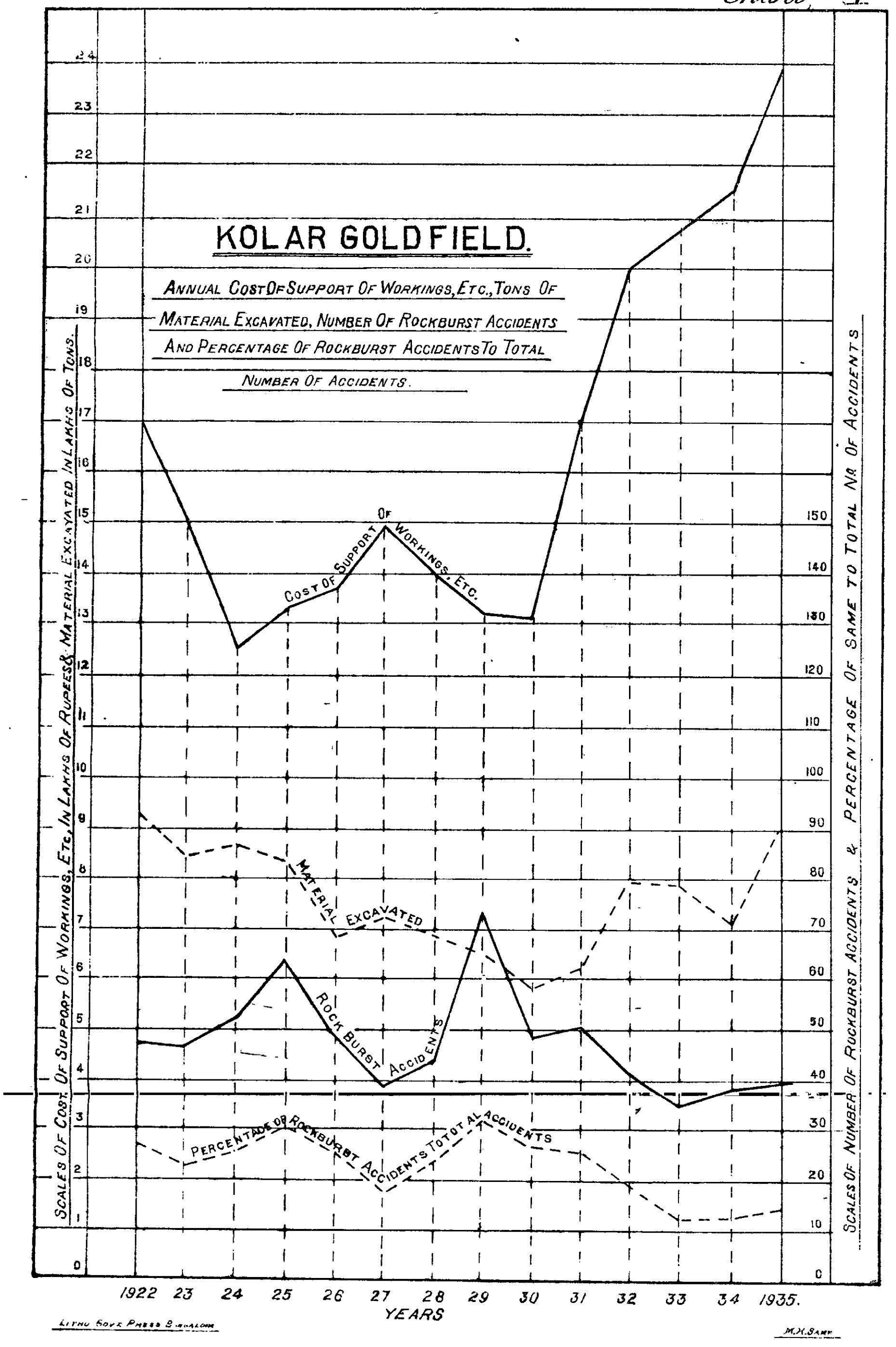
Chart IV



LITHO BOYS PRESS BANGALORE

M.K. SAMY.

Chart V.



LITHO SOVT PRESS BANGALORE

M.H.SAMY

and the working stopes had been adequately supp...

C. I. M.

filling. But for the heavy and close timbering of the reef levels, the damage would have been even greater.

Accident No. 96 *of* 1936.—Some portions of Ribblesdale's Section, Mysore Mine, containing rich ore reserves were rendered inaccessible by a series of rockbursts which occurred some years ago. These places are now being reclaimed by footwall drives and crosscuts put out at suitable intervals to intersect the old reef drives; the reclaimed portions are being supported by masonry walls and 75 lb. section steel rail sets.

At about 2-20 A.M. on 14th June 1936, a heavy rockburst occurred which badly affected the 33rd level over a distance of about 140 feet and a mestri and his cooly who were at work here were buried in the debris. They were immediately rescued and sent to hospital where they died later. The force of the thrust resulting from the rockburst was so great that the rail sets which had been fixed at close intervals and carried up to the working face were twisted and bent into curious shapes, in some places reducing the original 5 feet width of the drive to barely 18 inches. But for these rail sets, the drive should have been completely blocked and it would have taken a very long time to clear it and rescue the victims.

Accident No. 82 *of* 1936.—On 27th May 1936, nine hand-drillers were at work in a stope below the 49th level S., McTaggart's Main Winze, Mysore Mine, when at about 1-45 P.M., the footwall suddenly burst and the mestri and a cooly who were at the point were knocked down the ore-pass by the dislodged slabs of rock along with the guard rails fixed at the point as a protection and were killed outright.

Owing to the heavy nature of the ground encountered in this part of the mine, the stopes and the levels were well supported by masonry walls, pigstyes and timber and steel sets. The sudden burst of the footwall was least expected.

All the other accidents due to rockbursts are of ordinary nature and do not call for any special remarks.

EXPLOSIVES.

There were nine fatal accidents involving fourteen deaths under this head as compared with a single fatal accident involving one fatality during the previous year. Eight of these were due to drilling into or intersecting sockets or misfires while one was due to the explosion of a hole before the blaster was able to retire to a place of safety after igniting a round of holes. The eight cases were due to neglect on the part of the persons concerned to carry out the provisions of the rules in this behalf. Two of the persons responsible for these accidents were prosecuted and sentenced to pay a fine of Rs. 10 and to undergo simple imprisonment for one month, respectively, the certificate of one person was cancelled and that of another suspended "*sine die*" and certificates of three others suspended for periods varying from three to six months, a chargeman was fined by the management Rs. 20 in one case, the mestri concerned in another absconded immediately after the accident and the case launched against another is pending with the Magistrate. No action could be taken in two cases as the persons responsible for them had died as a result of the injuries received.

In a single accident in Mysore Mine three lives were lost due to an explosion resulting from intersecting a misfired hole.

Blasting accidents can be avoided if the necessary care is exercised by the persons in charge of working places in examining the face carefully, plugging all sockets securely and planning new holes at a safe distance from old ones.

FALLING AWAY IN SHAFTS, WINZES, ETC.

There were 17 accidents from this cause resulting in 17 deaths as against 15 accidents and 18 deaths last year. Of these, five were due to neglect of the persons in charge, five to recklessness on the part of the deceased persons and the rest were due to unavoidable causes.

Falling away in shafts accounted for six accidents involving six fatalites. While a timber cooly was riding down in a cage, he was for some unknown reason pulled out and dismembered. Another cooly who was riding up in the cage came in violent contact with the shaft timbers and fell down the shaft. A shaft cooly working on the top of a cage overbalanced and fell down the shaft and a labourer

working in the shaft was knocked down by a timber dislodged by a derailed cage. A surface lander while oiling the wheels of a skip fell down the shaft and was killed. A tea-boy when he was lowering a manifold to the sink slipped and fell down the shaft.

The other accidents were due to falling down winzes while riding up or down in buckets or climbing up or down by ladders.

Cases of Neglected Injuries.

During the year there were seventeen cases of neglected injuries (as against 34 in 1934) which, though trivial at the time of occurrence, became serious owing to neglect on the part of the persons concerned in seeking immediate medical aid. The total number of neglected mining accident cases, both serious and trivial, treated in the Kolar Gold Field Mines' Hospital was 648 as against 591 in the previous year. Though there is an increase in the total number of neglected injuries, as compared with the previous year, there has been an appreciable decrease in the number of serious cases. Workmen neglect to attend the hospital for treatment as they will have thereby to forego their full daily wage for the first ten days under the Workmen's Compensation Regulation. Government have since been pleased to amend the Regulation in this regard by reducing the waiting period from ten to seven days. It is hoped that this beneficial measure will have the effect of minimising the number of cases of neglected injuries in future.

The following statement shows the cases of neglected injuries treated in the Companies' Hospital:—

Name of Mine	January		February		March		April		May		June		July		August		September		October		November		December		Total		Grand Total
	Serious	Trivial	Serious	Trivial	Serious	Trivial	Serious	Trivial	Serious	Trivial	Serious	Trivial	Serious	Trivial	Serious	Trivial	Serious	Trivial	Serious	Trivial	Serious	Trivial	Serious	Trivial	Serious	Trivial	
Mysore	...	13	...	9	...	22	...	32	1	25	...	17	1	23	...	28	...	30	...	26	...	20	...	17	2	262	264
Champion Reef ...	1	3	...	4	1	7	...	6	1	5	...	5	...	9	1	8	...	17	1	8	1	9	...	5	6	86	92
Ooregum ...	...	5	...	5	...	6		6	...	6	...	8	...	6	...	4	...	9	...	6	1	5	1	7	2	73	75
Nundydroog ...	1	15	1	9	1	22	...	20	..	14	2	15	1	24	...	20	1	18	...	16	...	20	...	17	7	210	217
Grand Total ...	2	36	1	27	2	57	...	64	2	50	2	45	2	62	1	60	1	74	1	56	2	54	1	46	17	631	648

IV. Meteorology and Seismology on the Kolar Gold Field.

The following has been taken from the Report for the year 1935 by Mr. H. A. Martin, Officer-in-charge of the Kolar Gold Field Observatory, which was kindly furnished to this Department by Messrs. John Taylor & Sons' Committee, Oorgaum.

Meteorology.

Throughout the year observations were taken daily at 8, 10 and 16 hours and tabulated.

Temperatures.—The highest dry and wet bulb temperatures recorded during the year were 101·4°F and 75·4°F, respectively, while the lowest were 54·8°F and 50·5°F, respectively. The mean dry bulb temperature (76·1°F) was above normal by 0·5°F while the mean wet bulb temperature (65·9°F) was only 0·3°F above normal (65·6°F).

Rainfall.– The total rainfall for the year reached the remarkably high figure of 35·24 inches or 4·27 inches above the normal. This total is the highest for the previous thirteen years, 37·02 inches having been recorded in 1922.

SEISMOMETRY.

The installation was maintained in more or less continuous operation throughout the year in spite of several instrumental failures after each of which the instruments were reset with minimum delay.

Classification of Rockbursts.—The same classification as in previous years has been continued and the following table gives the total number of bursts recorded during the year:—

Displacement in Millimetres.			*Number of Rockbursts.*		
			1935.	*Normal* (mean)	*Departure.*
Less than	1·0	...	2,044	2,365	—321
Between	1·0— 2·0	...	596	437	+159
Between	2·0— 3·0	...	305	138	+167
Between	3·0—10·0	...	156	93	+ 63
Between	10·0—20·0	...	1	6	— 5
Over	20·0	...	2	6	— 4
Those in which one or more styles were thrown off		...	5	6	—1
	Total	...	3,109	3,051	+58

The following table shows the total number of bursts of 1 m/m displacement and upwards during the years of observation:—

Year	*Total*	*Year*	*Total*
1912	127	1924	328
1913	192	1925	445
1914	200	1926	337
1915	238	1927	341
1916	229	1928	295
1917	90	1929	446
1918	106	1930	693
1919	132	1931	675
1920	253	1932	564
1921	322	1933	830
1922	303	1934	667
1923	282	1935	1,065

Average for 1912 to 1935 = 709

Excess over average in 1935 = 356

From the above tables it will be seen that during 1935 "Minor" bursts appreciably decreased while there was a pronounced increase in "medium" bursts and bursts of "Major" intensity remained the same.

Earthquakes and Tremors.—The following table gives the number of disturbances of seismic origin recorded during 1935 together with the normal and departure therefrom:—

		1935	*Normal*	*Departure*
Earthquakes	...	29	29	...
Tremors	...	402	302	+100

The Quetta Earthquake (May 31st).—The seismogram was well defined and was typical of those given by shocks from the North-Western India.

The intensity at its origin of the Quetta earthquake was very much less than that of the Bihar disturbance of January 14th, 1934, yet many more lives were lost and the damage done was greater. This is attributable to the epicentre in this latter instance being located in open country, whereas in the case of Quetta the focus would seem to have been beneath the town itself.

As is usual, the principal shock was followed by a succession of "after shocks" at close intervals for some days and this has contributed to the slightly high total of "tremors" registered for the past year.

V. Underground Air Temperatures.

The deepest workings on the Kolar Gold Field are over 7,800 feet vertically below field datum and the rock temperature at this depth is about 131·2°F.

The following Statements A and B show the air temperatures recorded at some of the important underground stations and at selected working places in the bottom levels in Ooregum and Champion Reef Mines, respectively. The incidence of high wet bulb temperatures produces sometimes Heat-Exhaustion in the workmen, but they soon recover when removed to a well ventilated place. These cases of Heat-Exhaustion are quite distinct from those of "Heat-Stroke" occurring in the Rand Mines and fatalities from the former are very rare. There were 35 cases of Heat-Exhaustion during the year under report as against 37 in the previous year. Of these 26 were due to excessive heat, 2 to ankylostomiasis, 1 to non-acclimitization and the rest to other causes.

UNDERGROUND AIR TEMPERATURES—1935.

Field Datum is 2,967·21 feet above sea level (Madras).

Downcast						Upcast						
Names of Shafts and Stations	Vertical depth below Field Datum (feet)	Dry Bulb °F	Wet Bulb °F	Difference	Relative humidity per cent	Grains of water vapour per lb. of dry air	Names of Shafts and Stations	Vertical depth below Field Datum (feet)	Dry Bulb °F	Wet Bulb °F	Difference	Relative humidity per cent	Grains of water vapour per lb. of dry air
MYSORE GOLD MINING COMPANY, LIMITED.							MYSORE GOLD MINING COMPANY, LIMITED.						
Edgar's Shaft collar	18	73·6	66·5	7·1	67·6	94·0	Rowse's Shaft, surface	80	82·7	82·6	0·1	99·6	180·0
Edgar's Sub-Vertical 51st level crosscut ...	3,709	89·6	76·9	12·7	54·6	111·0	Drive, 59th level N. of Air Shaft	3,510	102·7	85·1	17·6	46·8	145.0
Edgar's Sub-Vertical 84th level plat ...	7,000	108·6	89·2	19·4	44·0	149·0	Drive, 73rd level S., Rowse's No. 2 Auxiliary Shaft.	5,900	110·4	90·4	20·0	44·0 (Approx.)	167·0
CHAMPION REEF GOLD MINES OF INDIA, LIMITED.							CHAMPION REEF GOLD MINES OF INDIA, LIMITED.						
South Development Winze 70th level plat ...	6,580	104·7	82·9	21·8	38·4	112·7	41st level Plat, Glen's Shaft	3,763	95·3	86·1	9·2	67·2	169·2
Heathcote Shaft 80th level plat	7,600	111·2	87·2	24·0	37·0	124·0	Drive 59th level S., Glen's Secondary Shaft	5,513	104·6	89·0	15·6	53·0	162·8
OOREGUM GOLD MINING COMPANY OF INDIA, LIMITED.							OOREGUM GOLD MINING COMPANY OF INDIA, LIMITED.						
Bullen's Vertical Shaft collar	108	75·0	66·4	8·6	62·5	92·4	Circular Shaft collar	98	81·4	77·0	4·4	81·4	147·2
Bullen's Incline 42nd level Plat	3,811	92·0	75·8	16·2	45·6	100·8	Drive, 60th level S., Bullen's Incline Shaft ..	5,550	102·4	83·9	18·5	45·0	131·5
Do 79th crosscut ...	7,333	107·0	82·0	25·0	33·0	105·0	Drive, 73rd level N., Auxiliary Shaft ...	6,727	113·5	89·4	24·1	37·8	147·2
NUNDYDROOG MINES, LIMITED.							NUNDYDROOG MINES, LIMITED.						
Henry's Shaft, 44th level crosscut ...	3,826	93·3	76·1	17·2	43·6	103·4	Taylor's Shaft 2,900 ft. level crosscut ...	2,523	92·5	80·2	12·3	57·4	137·8
No. 1 Auxiliary Shaft 51st level crosscut.	4,487	95·9	78·2	17·7	43·8	109·6	Taylor's Shaft, 32nd level crosscut ...	2,772	93·8	80·9	12·9	56·2	139·8
No. 2 do 54th do ...	4,756	95·8	77·6	18·2	43·6	104.5	Drive, 44th level S., Richards' Shaft ...	3,826	99·8	82·8	17·0	47·8	137·5
No. 3 do 57th do ...	5,025	99·0	79·0	20·0	40·0	106·4	48th level, Balaghat Fan Exhaust ...	4,226	101·6	87·1	14·5	54·0	162·9

B.—COMPARATIVE STATEMENT OF TEMPERATURES AND RELATIVE HUMIDITY OF ATMOSPHERE IN DEEP LEVELS AND SOME OF THE WORKING PLACES THEREIN.

Field Datum is 2,967·21 feet above sea level (Madras).

Locality						Development Points and Stopes					
Horizon	Vertical depth below Field Datum (feet)	Dry Bulb °F	Wet Bulb °F	Difference	Relative Humidity per cent	Place of work	Dry Bulb °F	Wet Bulb °F	Difference	Relative Humidity per cent	Remarks
CHAMPION REEF GOLD MINES OF INDIA, LIMITED.						CHAMPION REEF GOLD MINES OF INDIA, LIMITED.					
Drive, 70th level N., Carmichael's Secondary Shaft.	6,580	104·0	88·0	16·0	51·0	Stope below the 70th level N., Carmichael's Secondary Shaft.	108·0	91·0	17·0	51·0	Square end 150′ deep; chute full.
Drive, 72nd level N., North Main Winze ...	6,780	107·0	93·0	14·0	57·0	Stope below 72nd level N., North Main Winze.	109·0	93·0	16·0	53·0	Square end 40′ deep, chute full; stope on west reef.
Drive, 74th level S., North Main Winze ...	6,980	113·0	92·0	21·0	39·0	Rill stope above the 74th level S., North Main Winze.	113·0	93·0	20·0	40·0	Stope on main reef
Plat, 76th level, North Main Winze ...	7,180	109·0	90·0	19·0	45·0	Drive, 76th level S., North Main Winze ...	111·0	95·0	16·0	54·0	Fixing rail setts.
Plat, 80th level, North Main Winze ...	7,600	111·0	92·0	19·0	46·0	Drive, 80th level S., North Main Winze ...	110·0	95·0	15·0	56·0	Two machines drilling; fan pipe and air jet blowing.
Drive, 80th level S., South Development Winze.	7,600	109·5	93·0	16·5	52·0	End of No. 2 crosscut E., from drive ...	115·0	93·0	22·0	38·0	Crosscut put out 110′ from drive, air jet blowing; clearing stuff.
Plat, 80th level, South Development Winze...	7,600	108·0	89·0	19·0	45·0	Sink of No. 3 Winze below the 80th level S., South Development Winze.	107·0	91·0	16·0	53·0	Sink 82′ below level; 2″ air pipe blowing.
Plat, 82nd level, Heathcote Shaft... ...	7,800	112·0	94·0	18·0	50·0	End of crosscut W. 82nd level from Heathcote Shaft.	109·0	93·0	16·0	53·0	Crosscut put out 67′, 2″ air pipe blowing.
OOREGUM GOLD MINING COMPANY OF INDIA, LIMITED.						OOREGUM GOLD MINING COMPANY OF INDIA, LIMITED.					
Drive, 70th level S., Bullen's Incline Shaft ...	6,450	112·0	91·0	21·0	40·0	Stope below the 70th level S., Bullen's Incline Shaft.	112·0	92·0	20·0	41·0	Square end 15′ deep
Drive, 73rd level N., Bullen's Incline Shaft	6,727	112·0	90·0	22·0	40·0	Stope below the 73rd level N., Bullen's Incline Shaft.	114·0	93·0	21·0	39·0	Square end 30′ deep
Plat, 76th level, Bullen's Incline Shaft ...	7,028	108·5	87·0	21·5	40·0	Back Stope above 76th level N., Bullen's Incline Shaft.	115·0	91·0	24·0	36·0	Stope 25′ above the level
Drive, 78th level S., Bullen's Incline Shaft..	7,233	114·0	92·0	22·0	38·0 (Appr.)	Stope below the 78th level S., Bullen's Incline Shaft	113·0	91·5	21·5	39·5	Square end 12′ down, venturi pipe blowing.
Drive, 79th level N., Auxiliary Shaft ...	7,333	116·0	91·5	24·5	35·0	Sink of Oakley's No. 3 Winze below the 79th level N., Auxiliary Shaft.	113·0	90·0	23·0	38·0	Sink 230′ below 79; fan pipe and 2″ compressed air pipe blowing.
Plat, 82nd level, Bullen's Incline Shaft ...	7,628	111·0	89·0	22·0	41·0	Drive, 82nd level S., Bullen's Incline Shaft	112·0	95·0	17·0	52·0	Fan pipe blowing 50′ back from face.
Drive, 82nd level N., Bullen's Incline Shaft...	7,628	111·5	90·0	21·5	41·0	Sink of No. 3 Winze below the 82nd level S., Bullen's Incline Shaft.	109·5	92·0	17·5	50·0	Crosscut E. put out 6′ from the bottom of the winze 200′ below 82; Heleshaw fan forcing air down the winze.
Drive, 84th level N., Auxiliary Shaft ...	7,828	114·0	93·0	21·0	43·0	Drive, 84th level S., Auxiliary Shaft ...	114·0	91·0	23·0	37·0	Drive on central ore shoot.

N.B.—The annual mean values of dry and wet bulb temperatures on surface were 76·1°F and 65·9°F, the corresponding temperatures for the previous year being 76·0°F and 65·5°F, respectively.

VI. Prosecutions.

(a) In connection with thefts, etc., of Mining Materials.

The following statement shows the number of cases dealt with during the year 1935 by the Special First Class Magistrate, Kolar Gold Field, in connection with the theft and illegal possession of mining materials under Section 6 of the Mysore Mines Regulation, as compared with 1934 :—

Year	Number of cases	Number of persons put up	Number of persons convicted	Value of property recovered		
				Rs.	a.	p.
1935	43	67	57	1,399	8	9
1934	24	31	28	1,254	14	0

The following table shows the various kinds of mining materials in respect of which prosecutions were instituted during year 1935 :—

Kind of material	Number of offences dealt with	Number of persons charged	Number of convictions	Value of property recovered		
				Rs.	a	p.
Gold Quartz	30	45	38	281	2	6
Auriferous tailings	3	8	8	4	15	3
Amalgam	...	...	...		...	
Sponge gold	5	7	5	866	10	0
Unwrought Bar Gold	2	2	2	*221	4	0
Explosives	...	...	...		...	
Tools	3	5	4	25	9	0
Coal	...	...	...		...	
Total ...	43	67	57	1,399	8	9

* Estimated.

(b) In connection with breach of Rules, Accidents, etc.

The following is a comparative statement for the years 1935, 1934 and 1933.

——	1935	1934	1933
Number of cases	23	36	20
Number of persons put up	28	38	27
Number of persons convicted	27	38	25
Number of persons acquitted	.	..	1
Number of persons discharged	1	...	1
Number of persons not found	...	...	...
Number of cases pending	...	...	...

Of the above, 16 cases were put up under the Mysore Mines Regulation and 7 under the Indian Penal Code. The penalties in the case of convictions ranged from fines of Rs. 0-8-0 to Rs. 10 and imprisonment from 3 days to 1 month.

During the year, 5 persons were prosecuted for breaches of the Mysore Mines Regulation and Rules framed thereunder resulting in accidents and all of them were convicted.

Less serious offences committed in connection with 22 accidents entailed departmental punishment of 22 persons who were either fined or had their certificates suspended.

Similarly, seven other persons were dealt with departmentally for offences not resulting in accidents.

E. EXPLOSIVES SECTION.

(Calendar year 1935).

Number of Licenses issued.—During the year, eight licenses in Form J were granted by Government under Articles 12 and 13 of Schedule I, Mysore Explosives Rules, for the possession of specified explosives (other than fulminates) in and sale from, a magazine, the same as in 1934. The actual number of magazines inspected and in use is far in excess of this number as each gold mining Company has two or more magazines included under one license in accordance with Rule 94, Mysore Mining Rules.

Altogether, 893 licenses were issued by the District Magistrates under the remaining Articles of Schedule I in Forms A, B, C, D, E and F for the manufacture, possession and sale of explosives, 159 licenses more than in the previous year. This large increase is mainly due to more licenses having been granted in Form E (410 against 290) this year to contractors, cultivators and others to possess small quantities of explosives mostly for sinking wells in rural and urban areas.

In all, 901 licenses were granted in the State for the year compared with 742 during 1934, an increase of 159 licenses.

The following statement shows the distribution of licenses in the various Forms among the Districts for the year :—

District	Forms									Total for 1935	Total for 1934
	A	B	C	D	E	F	J	K	L		
1. Bangalore	9	116	...	...	92	...	1	...	...	218	185
2. Kolar	9	46	...	...	151	...	5	...	...	211	137
3. Tumkur	5	22	...	2	42	...	...	...	...	71	47
4. Mysore	5	58	...	2	13	...	2	...	...	80	84
5. Hassan	4	28	...	16	56	1	...	...	...	105	90
6. Shimoga	12	58	...	15	19	...	...	...	...	104	91
7. Kadur	9	30	1	7	22	...	...	...	...	69	77
8. Chitaldrug	6	22	...	...	15	...	...	...	...	43	31
Total ...	59	380	1	42	410	1	8	...	...	901	742

Observations on the issue of Licenses by the District Magistrates.—Owing to the prompt action taken by this Department by bringing to the notice of the District Magistrates concerned any irregularities and defects discovered in the monthly returns received from the Districts, cases of issue of licenses on wrong forms, licensing larger quantities of explosives than are allowed by the rules, charging excessive or insufficient fees, etc., have been minimised in recent years.

Departmental Inspection of Magazines and Premises.—All the main and subsidiary magazines included in the licenses granted by Government for the possession of specified explosives both on the Kolar Gold Field and outside and all the daily supply magazines at shaft heads have been inspected in detail during the year by the Officers of this Department and the lightning conductors attached to them tested. The magazines are in good order and their up-keep and supervision well maintained. As usual, the companies have been found to be most willing to carry out any recommendations made and our thanks are due to them for making our duties easy in this respect.

In addition, the Public Works Department Magazines at Chitaldrug and Hassan and some of the premises licensed for the manufacture, possession and sale of gunpowder and fireworks in Bangalore, Mysore, Kolar and Hassan Districts were also inspected during the year.

Condition of Explosives.—The physical condition of all explosives in the different magazines was found to be good except 45 lbs. of 30 per cent L. G. Gelatine from the explosives magazine of Messrs. Best & Co., Ltd., Agents, Messrs.

Nobel's Explosives Co., Ltd., Bangalore City, which were found to have become defective and therefore destroyed.

Authorised Explosives.—A list of explosives at present authorised for importation into the State for general sale, adopted from the list of explosives authorised for importation into British India, is given in Appendix III.

Government Magazines in charge of Civil Officers (Public Works and Electrical).—Ten reports of inspection of these magazines by the officers of the Public Works and Electrical Departments have been received in this office and defects which required remedying have been brought to the notice of the officers concerned.

Inspection by the Magistracy and the Police.—The total number of inspections of explosives premises carried out during the year by the Magisterial and Police Officers empowered to conduct them under Rule 125, Mysore Explosives Rules, was 708 compared with 572 during the previous year, an increase of 136 inspections.

Two hundred and forty-one premises or 49·90 per cent of the total number licensed (483) excluding 410 'E' licenses issued for the possession of small quantities of explosives required *bona fide* for blasting purposes and 8 magazine licenses granted by Government for the possession of specified high explosives, have been inspected by District Officers.

The following table gives the number of licenses issued in the several districts and the percentage of premises inspected in each during 1935 and the two previous years :—

District	Number of licenses issued during			Percentage of premises inspected during			Remarks
	1935	1934	1933	1935	1934	1933	
				(a)	(a)	(a)	
1. Bangalore ...	218	185	134	12·80	14·85	22·22	1 Granted by Government
2. Kolar ...	211	137	93	47·27	60·00	46·00	5 Granted by Government
3. Tumkur ...	71	47	42	72·41	28·00	64·00	
4. Mysore ...	80	84	78	16·92	31·25	19·64	2 Granted by Government
5. Hassan ...	105	90	70	48·98	50·00	57·14	
6. Shimoga ...	104	91	87	81·18	91·57	42·68	
7. Kadur ...	69	77	77	97·87	100·00	18·08	
8. Chitaldrug ...	43	31	31	100·00	92·31	85·71	
				(b)	(b)	(b)	
Total ...	901	742	612	49·90	55·08	48·70	

(*a*) It is stated that all the premises licensed temporarily during Deepavali and Shaban Festival Seasons have been inspected by the Police Officers.

(*b*) These percentages are obtained after excluding the magazine licenses brought under the direct inspection of the Chief Inspector of Mines and Explosives in Mysore and the licenses in Form E (granted to contractors, cultivators and others) to possess small quantities of gunpowder and other explosives required for *bona fide* blasting purposes.

Theft of Explosives.—During the year the loss of six fog signals from Haranahalli Railway Station, Shimoga-Arasalu Railway, was reported to this Department which the Police are tracing.

Prosecutions for unlicensed Manufacture of or dealing in Explosives.—There were 34 cases of prosecutions under the Mysore Explosives Regulation and Rules during the year resulting in the conviction of 27 persons and acquittal of ten others. Twenty of these cases were in connection with accidents.

The following table gives the number of cases launched in each District together with the result thereof :—

Statement of Prosecutions under the Mysore Explosives Regulation and the rules thereunder.

District	No. of cases	Nature of offence	No. of persons charged	No. of persons convicted	Result
Bangalore ...	2	Unauthorised possession of gunpowder.	2	2	Fined Rs. 5 or in default to suffer simple imprisonment for five days and Re. 1, respectively.
Do ...	3	Unauthorised manufacture of fireworks.	3	3	Fined Rs. 10 or in default to suffer one week's simple imprisonment Rs. 5 and Rs. 2 respectively.
Kolar ...	1	Unauthorised possession of gunpowder.	1	1	Fined Rs. 5.
Do ...	1	Violation of the conditions of the license.	1	1	Fined Rs. 10 or in default to suffer six days' simple imprisonment.
Do ...	7	Unauthorised possession and sale of fireworks.	7	7	Fined Rs 5 or in default to suffer five days' simple imprisonment each
Do ...	1	Causing death by negligence by the use of explosives.	1	1	Sentenced to suffer five weeks' rigorous imprisonment.
Do ...	1	Causing grievous hurt by the use of explosives.	1	...	Acquitted.
Tumkur ...	1	Unauthorised manufacture of explosives.	1	1	Fined Rs. 2 or in default to suffer simple imprisonment till the rising of the Court.
Mysore ...	3	Unauthorised manufacture of gunpowder.	3	2	Fined Rs. 5 and Rs. 20 or in default to suffer simple imprisonment for seven days and one month, respectively. One acquitted.
Do ...	2	Unauthorised manufacture of fireworks.	2	1	Fined Rs. 20 or in default to suffer 14 days' simple imprisonment. One acquitted.
Hassan ...	1	Unauthorised manufacture of fireworks.	1	1	Fined Rs. 5.
Kadur ...	1	Unauthorised manufacture of fireworks.	1	...	Acquitted.
Do ...	1	Contravening a condition of the license.	1	...	Acquitted.
Shimoga ...	1	Contravening the conditions of the license.	1	1	Fined Rs. 7.
Do ...	2	Unauthorised manufacture of fireworks.	8	8	Fined Rs. 5 or in default to suffer five days' simple imprisonment each.
Do ...	1	Unauthorised possession of fireworks.	3	...	Acquitted.
Chitaldrug ...	1	Unauthorised manufacture of fireworks.	1	1	Fined Rs. 2.
Do ...	3	Unauthorised possession of gunpowder.	3	1	Fined Rs. 50 or in default to suffer one week's simple imprisonment. 2 Acquitted.
Do ...	1	Unauthorised possession and sale of explosives.	1	1	Fined Rs. 20 or in default to suffer simple imprisonment for one week.

Accidents.—In all there were reported to this Department during the year 64 accidents due to explosives involving the death of 13 persons and injuries to 92 others compared with 57, 22 and 65, respectively, during 1934. Of these, 13 occurred on the Kolar Gold Field resulting in the death of five persons and serious injuries to 16 others. Drilling into or intersecting sockets were the causes of accidents in the mines.

A list of accidents, with a brief description of each, that occurred outside the Kolar Gold Field mining area, is given in Appendix II. No accidents from the use of fulminates as such were reported. Firework accidents previously reported under this head are classified under Fireworks Class VII.

Departmental Action in connection with Accidents.—In nine out of thirteen accidents that occurred on the Kolar Gold Field departmental action was taken. The mestris or blasters responsible for five of them were suspended from working as such for periods varying from one to six months. In four cases the certificates of the persons concerned were suspended *sine die*. In two cases, the injuries sustained by the persons responsible for the accidents were considered sufficient punishment. In one case, the mestri responsible died from the effects of the injuries sustained and in the last case the blaster concerned was let off with a warning.

Explosives imported into the State.—The following statement shows the quantity of explosives imported into the State during 1935 compared with that of the previous year:—

Description		1935	1934	Increase	Decrease
Gunpowder	Lbs.	3,679	5,829	...	2,150
Percussion Caps	No.	687,000	1,184,700	...	497,700
Dynamite	Lbs.	118,000	137,500	...	19,500
Blasting Gelatine	do	343,000	493,500	...	150,500
Gelignite	do	10,500	98,500	...	88,000
Safety Fuse	Coils	215,100	297,000	...	81,900
Safety Fuse Lighters ...	No.	38,000	22,000	16,000	...
Detonators	do	1,330,000	1,995,000	...	665,000
Loaded rifle cartridges ...	do	8,650	111,400	...	102,750
Do gun do ...	do	46,875	76,850	...	29,975
Do revolver do ...	do	1,375	1,270	105	...
Do pistol do ...	do	350	50	300	...
Empty gun do ...	do	2,600	12,248	...	9,648
Sulphur	Lbs.	16,937	31,486	..	14,549

Explosives confiscated to Government.—A quantity of firework composition and manufactured fireworks and some tools used in their manufacture seized by the Dodballapur Police from a non-licensee who was convicted and sentenced to pay a fine of Rs. 10 were ordered to be confiscated to Government by the Magistrate.

PETROLEUM.

Number of Licenses issued.—During the calendar year (1935) 141 licenses were issued under the Mysore Petroleum Regulation and Rules, of which 119 were for the import, transport and possession of dangerous petroleum and 22 for non-dangerous petroleum. Fifty-four of the former were granted in Form Q under Rule 6, Chapter VI, Part II of the Petroleum Rules for the storage of dangerous petroleum in underground tanks fitted with Kerbside Pumps.

The following table gives the number of licenses issued in each district during the year in various forms:—

District	Forms												Total for 1935	Total for 1934
	A	B	C	D	E	F	G	H	M	P	Q	R		
1. Bangalore City	...	...	...	...	...	...	—	...	...	...	...	...	...	1
2. Bangalore; in other parts of the district including Bangalore City.	...	1	1	...	...	...	2	5	3	...	17	...	29	33
3. Kolar District	...	4	...	1	3	...	...	...	...	1	7	1	17	14
4. Kolar Gold Field Sanitary Board area.	...	...	...	...	4	...	...	...	...	...	...	...	4	4
5. Tumkur District ...	1	4	1	...	...	1	...	1	...	...	3	...	11	11
6. Mysore City	...	...	...	...	2	...	...	...	...	...	...	...	2	2
7. Mysore; in other parts of the district including Mysore City.	...	8	...	...	...	...	...	...	...	...	12	4	24	28
8. Hassan District	1	4	4	...	1	...	...	...	...	...	4	1	15	16
9. Shimoga District ...	1	3	3	...	1	...	...	...	...	...	3	1	12	15
10. Kadur District	...	9	...	...	...	...	...	...	...	...	4	...	13	15
11. Chitaldrug District ...	2	1	3	...	3	...	...	...	...	...	4	1	14	14
Total ...	5	34	12	1	14	1	2	6	3	1	54	8	141	153

The total amount of fees realised during the year under report was Rs. 2,930-5-4 as against Rs. 3,343 in 1934.

Inspections.—Some petroleum installations in the Districts of Bangalore, Mysore, Hassan, Tumkur and Kolar were inspected by the Officers of this Department during the year.

Accidents.—No accident from petroleum was reported during the year.

Prosecutions.—There were two cases of prosecutions under the Mysore Petroleum Regulation and Rules during the year in the Tumkur District.

In one case the driver and conductor of a bus were charged for unauthorised possession and transport of dangerous petroleum but were acquitted. In the other case, the driver of a bus was prosecuted for a similar offence and sentenced to pay a fine of Re. 1.

Petroleum imported into the State.—The total quantities of dangerous petroleum and kerosene imported into the State during the calendar year 1935 were 1,712,704 and 3,823,549 gallons, respectively, as against 1,588,205 and 3,907,794 gallons, respectively, during 1934.

Carbide of Calcium Rules. Four licenses for possession of calcium carbide were current during the year.

OORGAUM, K. G. F.
14th September 1936.

C. E. SURYANARAYANA RAU,
Chief Inspector of Mines and Explosives in Mysore.

Statement of Capital employed, etc., in Gold Mines worl

1934.

NAME OF MINING COMPANY	Nominal Capital £ Stg.	Shares: Number issued	Shares: Par Value-Shillings	Shares: December Prices Min.	Shares: December Prices Max.	Paid-up Capital: Per Share-Shillings	Paid-up Capital: Total £ Stg.	Dividends Paid: Amount £ Stg.	Dividends Paid: Percentage of Paid-up Capital	Fine Gold and Silver Produced: Mint Fine Gold Ounces	Fine Gold and Silver Produced: Value £ Stg. (a)	Fine Gold and Silver Produced: Mint Fine Silver Ounces	Fine Gold and Silver Produced: Value £ Stg. (a)	Fine Gold and Silver Produced: Total value of Fine Gold and Silver £ Stg.	Royalty Payable to Government: At 5 per cent on the value of gold and silver produced less refining charges £ Stg.	Royalty Payable to Government: Percentage on dividends (X) or adjusted profits (Y) as per sanctioned sliding scale: (f) Rate	Royalty Payable to Government: Percentage on dividends (X) or adjusted profits (Y) as per sanctioned sliding scale: Amount £ Stg.	Tot £ St
A. DIVIDEND PAYING.																		
The Mysore Gold Mining Company, Limited	610,000	1,220,000	10	21/3	22/3	10	610,000 0 0	152,500 0 0	25	92,454·287	635,762 18 7	5,987·27	586 16 2	636,349 14 9	31,650 2 8	10	(y) 11,471 10 8	43,121
The Champion Reef Gold Mines of India, Limited	260,000	520,000	10	33/6	34/6	10	260,000 0 0	104,000 0 0	40	66,393·373	456,987 7 4	5,382·98	647 3 1	457,634 10 5	22,761 5 0	15	(y) 11,388 0 0	34,149
The Ooregum Gold Mining Company of India, Limited ...	Ord. 290,000	481,544	10	8/9	9/9	10	240,772 0 0	57,096 10 0	12½	50,275·757	345,831 2 1	4,927·88	579 14 4	346,410 16 5	17,220 8 10	7½	(x) 2,854 16 6	20,075
	Pref. 120,000	240,000	10	16/3	17/3	10	120,000 0 0		22½									
The Nundydroog Mines, Limited	283,000	566,000	10	59/6	60/6	10	283,000 0 0	191,025 0 0	67½	112,009·767	(g) 771,206 4 10	9,193·09	1,106 15 4	772,313 0 2	38,257 5 8	25	(y) 52,846 18 10	91,104
Total ...	1,563,000	3,027,544	...	...	...	...	1,513,772 0 0	504,621 10 0	33·34	321,133·184	2,209,787 12 10	25,491·22	2,920 8 11	2,212,708 1 9	109,889 2 2	...	78,561 6 0	188,450
																		Increase for 1935
																		Decrease for 1935
B. PRODUCING GOLD, BUT NOT PAYING DIVIDENDS. Nil.	.....	...	...	.....		...	.....	.....	...	.....	.....	.....	.....	.....	.....	...	.....	...
Total ...	.....	...	...	.....		...	.....	.....	...	.....	.....	.....	.....	.....	.....	...	.....	...
																		Increase for 193
																		Decrease for 193
C. WORKING, BUT NOT PRODUCING GOLD. Nil.	.....	.....	...	...	...	...	.....	.....	...	.....	.....	.....	.....	.....	.....	...	.....	...
Total ..	.....	.....	...	...	...	...	.....	.....	...	.....	.....	.....	.....	.....	.....	...	.....	...
Total of A, B and C ...	1,563,000	3,027,544	...	...	...	...	1,513,772 0 0	504,621 10 0	33·34	321,133·184	2,209,787 12 10	25,491·22	2,920 8 11	2,212,708 1 9	109,889 2 2	...	78,561 6 0	188,45
																		Increase for 193
																		Decrease for 19

ı the State of Mysore for the years 1934 and 1935.

Table 1.

1935.

Nominal Capital £ Stg.	Shares: Number issued	Shares: Par Value-Shillings	Shares: December Prices Min.	Shares: December Prices Max.	Paid-up Capital: Per Share-Shillings	Paid-up Capital: Total £ Stg.	Dividends Paid: Amount £ Stg.	Dividends Paid: Percentage of Paid-up Capital	Fine Gold and Silver Produced: Mint Fine Gold Ounces	Fine Gold and Silver Produced: Value £ Stg.	Fine Gold and Silver Produced: Mint Fine Silver Ounces	Fine Gold and Silver Produced: Value £ Stg.	Fine Gold and Silver Produced: Total value of Fine Gold and Silver £ Stg.	Royalty Payable to Government: At 5 per cent on the value of gold and silver produced less refining charges £ Stg.	Royalty Payable to Government: Percentage on dividends(X) or adjusted profits(Y) as per sanctioned sliding scale: (f)Rate	Royalty Payable to Government: Percentage on dividends(X) or adjusted profits(Y) as per sanctioned sliding scale: Amount £ Stg	Royalty Payable to Government: Total £ Stg.	Total dividends paid up to date £ Stg.
										(a)		(a)						
610,000	1,220,000	10	24/9	25/9	10	610,000 0 0	167,750 0 0	27½	94,621·229	664,776 0 0	5,478·27	655 19 5	665,431 19 5	33,049 0 0	10	(y) 13,942 1 7	46,991 1 7	(b) 10,930,769 13 11
260,000	520,000	10	46/3	47/3	10	260,000 0 0	110,500 0 0	42½	68,054·809	478,360 7 4	4,979·90	675 11 0	479,035 18 4	23,791 7 0	15	(y) 14,036 17 11	37,828 4 11	5,182,466 8 6
Ord. 290,000	481,544	10	17/3	18/3	10	240,772 0 0	48,077 4 0	10	52,333·251	367,752 12 9	5,201·23	665 18 9	368,418 11 6	18,300 7 5	5	(x) 1,602 11 6	19,902 18 11	3,951,485 16 6
Pref. 120,000	240,000	10	24/6	25/6	10	120,000 0 0		20										
283,000	566,000	10	57/6	58/6	10	283,000 0 0	191,025 0 0	67½	111,115·250	782,418 10 4	3,817·98	1,167 14 11	783,586 5 3	38,788 2 10	25	(y) 51,957 10 3	90,745 13 1	(c&d) 3,865,779 9 4
1,563,000	3,027,544	...	...	...	...	1,513,772 0 0	517,352 4 0	34·18	326,124·539	2,293,307 10 5	24,477·38	3,165 4 1	2,296,472 14 6	113,928 17 3	...	81,539 1 3	195,467 18 6	23,930,501 8 3
.....	.....	...	...	...	...	.....	12,730 14 0	0·84	4,991·355	83,519 17 7	.....	244 15 2	83,764 12 9	4,039 15 1	...	2,977 15 3	7,017 10 4	.....
.....	.....	...	...	...	...	.....	.....	...	.....	.....	1,013·84	.....	.....	.....	...	.....	.....	.....
.....	.....	...	...	...	...	.....	.....	...	.....	.....	.....	.....	.....	.....	...	.....	.....	.....
.....	.....	...	...	...	...	.....	.....	...	.....	.....	.....	.....	.....	.....	...	.....	.....	.....
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.....	.....	...	...	...	...	.....	.....	...	.....	.....	.....	.....	.....	.....	...	.....	.....	.....
.....	.....	...	...	...	...	.....	.....	...	.....	.....	.....	.....	.....	.....	...	.....	.....	.....
1,563,000	3,027,544	...	...	...	...	1,513,772 0 0	517,352 4 0	34·18	326,124·539	2,293,307 10 5	24,477·38	3,165 4 1	2,296,472 14 6	113,928 17 3	...	81,539 1 3	195,467 18 6	(e) 23,980,734 5 8
.....	.....	...	...	...	...	.....	12,730 14 0	0·84	4,991·355	83,519 17 7	.....	244 15 2	83,764 12 9	4,039 15 1	...	2,977 15 3	7,017 10 4	.....
.....	.....	...	...	...	...	.....	.....	..	.....	.....	1,013·84	.....	.....	.....	...	.....	.....	.....

REMARKS

(a) Values are taken from Companies' reports.

(b) In addition to this, the Company paid as dividends in 1889 a sum of £87,500, being the realization by sale of property to the Champion Reef Company.

(c) In addition to this amount, £8,843-15-0 on the agreed valuation of 2s. 6d. per share on 70,750 shares of the Jibutil Gold Mines of Anantapur, Ltd., were distributed on 13th December 1911.

(d) Includes £140,652-19-10 paid by the then Nundydroog Gold Mining Co., Ltd.

(f) Royalty is calculated at two-thirds of the rate shown in this column.

(g) Includes figures of output, value, royalty, etc., in respect of reserves worked for the adjoining Balaghat Mine during January and February 1934.

(e) Includes £30,632-11-11, paid by the Coromandel Gold Mining Co. of India, Ltd., and £19,600-5-6 paid by the Mysore West and the Mysore Wynaad Gold Companies, Ltd.

Machinery and Plant in use at Mines in the S

SPECIFICATION

NAME AND SITUATION OF MINE	STEAM POWER																											
	BOILERS						STEAM ENGINES																			LAMPS		
	Number		Aggregate Area and Capacity (of those in use)				Winding and Hauling			Pumping			Air Compression			Locomotives			For other purposes			Total Maximum B. H. P. developed			
	Total	In use	Grate Area. Sq. feet	Heating Surface. Sq. feet	Maximum Evaporative Capacity. Gallons per hour	Actual Evaporation. Gallons per hour	Number Total	Number In use	Maximum B. H. P. developed	Number Total	Number In use	Maximum B. H. P. developed	Number Total	Number In use	Maximum B. H. P. developed	Number Total	Number In use	Maximum B. H. P. developed	Number Total	Number In use	Maximum B. H. P. developed		Number	Equivalent connection in Kilowatts	
The Mysore Gold Mine, Bowringpet Taluk, Kolar District ...	1	1	10·00	183·00	120·00	50·00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,454	149·64	1
The Champion Reef Gold Mine do do	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,793	71·80	1
The Ooregum Gold Mine do do	11	5	186·50	5,056·00	2,741·00	2,065·00	1	1	950	...	...	...	1	...	...	...	...	...	...	...	...	950	2,257	120·77	1
The Nundydroog Gold Mine do do	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,806	108·02	19
The Mysore Chromite, Ltd., Mysore Taluk, Mysore District ...	2	2	13·00	191·00	70·00	47·00	2	2	13	...	...	...	...	...	...	...	...	..	...	...	...	13	54	1·62	
Total ...	17	8	209·50	5,430·00	2,931·00	2,162·00	4	3	963	...	...	...	1	...	..	...	..	...	..	...	..	963	10,364	451·85	70
Total for 1934 ...	23	12	391·50	13,070·00	5,771·00	3,156·00	4	4	4,963	...	...	...	2	...	..	...	...	..		...	...	4,963	10,225	447·48	67

Boilers classed according to Type.

TYPE OF BOILER	NUMBER		AGGREGATE AREA AND CA		
	Total	In use	Grate Area. Sq. feet	Heating Surface. Sq. feet	Maxi ti Gal
Lancashire	7	2	104·00	1,904·00	
Vertical	4	4	43·00	511·00	
Horizontal	1	1	10·00	163·00	
Babcock	5	1	52·50	2,852·00	
Total ...	17	8	209·50	5,430·00	
Total for 1934 ...	23	12	391·50	13,070·00	

of Mysore during the year 1935.

1.

Table 2.

ELECTRICITY																		
MOTORS																		
Cauvery Power									Kolar Mines Power									REMARKS
Number		Used for	Nominal H. P.	Rating in H. P.	Average constant H. P. absorbed	Annual consumption B. T. U.	Number		Used for	Nominal H. P.	Maximum H. P. developed	Annual consumption B. T. U.	
Total	In use						Total	In use					
50	48	7 Air Compressors ... . 5 Mill ... ... 9 Ventilating Fans .. .. 10 Pumps ... ... 4 Slimes Plant ... ... 8 Tube Mills ... ... 1 Mortar Mill ... ... 4 Tramming	5,135·00	4,407	3,252	21,255,500	62	57	5 Air Compressors ... ... 2 Converter Set ... ... 2 Fans ... ... 2 Electric Locomotives ... ... 8 Stone Crushers ... ... 15 Hoists ... ... 2 Fitting Shop ... ... 3 Saw Mills ... ... 1 Cyanide Dept. (Driving Machines) ... 7 Pumps ... ... 2 Blowers ... ... 2 Motor Generator Set ... ... 2 Mill ... ... 2 Tube Mill ... ... 2 Slimes Plant ... ... 2 Furnaces ... ... 3 Cranes	8,146·75	3,958·00	4,790,259	
34	34	7 Air Compressors ... ... 1 Mill ... ... 5 Ventilating Fans ... ... 9 Pumps ... ... 2 Slimes Plant ... ... 3 Tube Mills ... ... 2 Filter Plant ... ... 1 Dump Retreatment ... ... 1 Storage Battery ... ... 1 Cooler ... ... 1 Endless ropeway ... ... 1 Vortex Mixer	5,530·00	5,383	3,634	23,750,800	57	57	7 Air Compressors ... ... 2 Stone Crushers ... ... 15 Pumps ... ... 1 Endless Ropeway ... ... 17 Hoists ... ... 1 Fitting Shop ... ... 1 O'Donovan Furnace .. 1 Machine Tool ... ... 2 Circular and Band Saws ... ... 2 Dump retreatment and sands plant ... 1 Mortar Mill ... ... 1 Crane ... ... 1 Booster ... ... 2 Blowers ... ... 1 Oil Filter ... . 1 Welding ... ... 1 James Table	6,186·75	3,173·50	3,667,135	
35	30	6 Air Compressors ... ... 1 Mill ... ... 2 Cyanide and Slimes Plant ... 11 Pumps ... ... 5 Ventilating Fans ... ... 4 Tube Mills ... . 1 Belt Conveyor	5,177·50	3,753	2,630	17,190,500	51	51	22 Hoists and Accessories ... .. 3 Air Compressors ... ... 1 Picking Floor ... ... 1 Fitting Shop ... ... 1 Carpenters' Shop... ... ... 1 Extractor House ... ... 1 Assay Office Crusher ... ... 1 Concentrating Table ... ... 1 Printing Press .. ... 1 Mortar Mill ... ... 2 Endless Ropeways ... ... 4 Pumps ... ... 2 Mills ... ... 1 Cyanide works ... ... 1 Blacksmith Shop Fan ... ... 4 Dairy ... ... 1 Zinc Lathe ... ... 1 Jumper Shop ... ... 2 Welding ...	4,352·50	4,872·50	4,510,937	
43	39	9 Air Compressors ... ... 2 Mill ... ... 9 Ventilating Fans ... ... 12 Pumps ... ... 1 Slimes Plant ... ... 5 Tube Mills ... ... 1 Vortex Mixer	5,376·50	4,822	3,929	25,679,600	101	97	30 Hoists and Accessories ... ... 5 Stone Breakers ... ... 22 Pumps ... ... 3 Fitting Shop ... ... 1 Mortar Mill ... ... 1 Slimes Plant ... ... 1 Smith Shop .. .. 1 Moulding Shop ... . 3 Cranes ... ... 1 Reconcentration Plant ... ... 9 Air Compressors ... ... 2 Battery charging se. ... ... 1 Arc welder ... ... 6 Jumper Shop ... ... 4 Fans ... ... 4 Sorting quartz ... ... 3 Carpenter shop	9,856·75	6,413·00	8,011,004	
4	4	3 Pumps ... ... 1 Workshop	91·00	70	...	136,903	...	...	.....	...	...	..	
166	155	.....	21,310·00	18,485	13,445	88,013,303	271	262	.....	28,542·75	18,317·00	20,979,335	
165	155	.....	21,889·50	18,594	13,152	86,084,598	243	229	.....	27,107·42	18,141·25	20,191,391	

r (of those in use)	
Evaporacity. r hour	Actual Evaporation. Gallons per hour
176·00	740·00
365·00	305·00
50·00	17·00
340·00	1,100·00
31·00	2,162·00
71·00	3,156·00

Machinery

NAME AND SITUATION OF MINE	MINING MACHINERY																												
	WINDING ENGINES AND HOISTS																					PUMPING ENGINES AND							
	Surface									Underground						Miscellaneous						Steam				El			
	Steam			Electric			Compressed Air			Electric			Compressed Air			Electric			Compressed Air										
	Number		Maximum B. H. P. developed	Number		Maximum B. H. P. developed	Number		Maximum B. H. P. developed	Number		Maximum B. H. P. developed	Number		Maximum B. H. P. developed	Number		Maximum B. H. P. developed	Number		Maximum B. H. P. developed	Number		Maximum capacity in gallons per hour	Average quantity of water pumped. Gallons per hour	Number			
	Total	In use		Total	In use		Total	In use		Total	In use		Total	In use		Total	In use		Total	In use		Total	In use			Total	In use		
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District	...	...	...	6	6	3,645	7	7	1,020	5	5	557	20	20	629	2	2	8	...	...	...	...	...	...	...	10	10		
2. The Champion Reef Gold Mine do do ...	1	...	...	2	2	1,400	4	4	128	2	2	1,350	42	42	1,062	3	3	45	...	...	...	...	...	...	...	8	8		
3. The Ooregum Gold Mine do do ...	3	3	1,775	4	4	1,345	2	1	45	4	4	2,525	33	30	459	3	3	95	...	...	...	...	...	...	...	7	7		
4. The Nundydroog Gold Mine do do ...	1	...	...	5	5	3,810	2	2	470	10	10	1,955	36	36	535	4	4	70	1	1	5	...	...	...	...	19	17		
Total ...	5	3	1,775	17	17	10,200	15	14	1,663	21	21	6,387	131	128	2,675	12	12	218	1	1	5	..	...	...	...	44	42		
Total for 1934 ..	5	4	5,775	16	16	10,125	13	12	1,568	19	19	5,992	113	111	2,276	11	11	203	2	2	30	...	...	...	...	43	41		

(a) Not including pumps for mills, cyanide wor

and Plant in use at Mines in the State of Mysore during the year 1935.

SPECIFICATION No. 2.

MPS (MINE PUMPS ONLY) (a)						AIR COMPRESSORS							ROCK DRILLS		
tric		Compressed Air				Steam			Electric				Average Number in use		
aximum capacity in gallons per hour	Average quantity of water pumped. Gallons per hour	Number		Maximum capacity in gallons per hour	Average quantity of water pumped. Gallons per hour	Number		Average quantity of free air delivered per minute. Cubic feet	Number		Average quantity of free air delivered per minute. Cubic feet	Average air pressure in receiver	Stoping	Development	Approximate quantity of free air consumed per minute
		Total	In use			Total	In use		Total	In use		lbs. per sq. in.			Cubic feet
7,860	24,306	52	25	40,000	10,000	...	...	...	9	9	13,889	49	21·00	71·00	14,550·00
7,007	3,179	14	14	14,040	2,935	...	...	...	8	8	18,031	51	42·00	45·00	5,118·00
4,000	12,624	10	(b) 5	...	...	1	...	...	8	8	8,122	45	14·07	50·48	8,652·50
0,870	26,888	29	29	25,500	2,117	...	...	..	10	10	16,292	59	21·18	66·64	13,998·50
9,737	66,997	105	73	79,540	15,052	1	...	...	35	35	56,334	51	98·25	233·12	42,319·00
6,137	64,659	92	66	79,696	11,247	2	...	...	37	35	58,028	51	116·00	244·81	45,833·00

REDUCING MACHINERY AND TAILINGS PLANT

ORE FEEDERS			CRUSHING, GRINDING AND AMALGAMATING												TUBE MILLS			SANDS PLANT				CYANIDING					
Number			Rock breakers			Stamps						Screens			Number			Number of Vats				Number of Collectors		Number of Agitators			Va Fi
Total	In use (average)	Type	Number		Type	Number		Weight in lbs. of each head	Number of drops per minute	Height of drop in inches	Depth of discharge in inches	Kind of screen	Number of holes per sq. inch		Total	In use	Size	Total	In use	Total Capacity of Vats. Tons	Total Capacity of Plant for 24 hours. Tons	Total	In use	Total	In use	Type	
			Total	In use		Total	In use																				
20	20	Challenge	4	3	Bigelow Jaw Crusher	100	100	1,150	98	8·00	2·50	Woven wire	9,16 & 64		6	4	18′×6′	...	...	...	..	5	5	7	7	Air and Mechanical.	Bu
12	8	Do ...	4	2	Blake Marsden	60	40	1,250	96	8·00	3·00	Do	9		7	7	19′×4¾′	...	...	...	..	4	4	9	9	Brown Pachuca.	But an
16	14	Do ...	4	4	2 Do 2 Gates	80	70	1,300	96	9·00	2·50	Woven wire	9		4	4	(3) 22′×5½′ (1) 18′×6′	...	...	...	..	5	5	4	4	Mechanical	But
16	16	Do ...	4	4	Jaw ...	70 10	70 10	1,250 850	96	9·00	2·00	Do ...	9		5	5	(1) 18′×6′ (4) 16′×6′	...	...	...	..	7	7	7	7	Brown Pachuca.	I
64	58	...	16	13	..	320	290	1,280	97	8·50	2·50	...	..		22	20	...	...	...	...	..	21	21	27	27	...	
64	55	...	16	13	...	320	275	1,212	97	8·50	2·50	...	...		22	19	...	7	5	1,760	91	21	21	27	27	...	

Table 3

cuum lters	Type	Total Capacity of Plant for 24 hours. Tons	REMARKS
	atters	750	
	tters d Oliver	700 270	
	tters	1,100	(b) used occasionally
	Do	852	
	...	3,672	
	...	3,645	

Statement of work done and number

NAME AND SITUATION OF MINE	MINING			
	Feet driven (including shafts sunk)	Shafts sunk (feet)	Stoping (cubic fathoms)	Total material excavated (tons)
GOLD.				
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ...	18,011·50	1,072	8,348·92	267,183
2. The Champion Reef Gold Mine do do ...	9,496·00	555	5,693·31	177,936
3. The Ooregum Gold Mine do do ...	12,350·00	517	4,569·33	175,948
4. The Nundydroog Gold Mine do do ...	23,073·00	1,169	8,090·37	302,148
Total for Gold Mines ...	62,930·50	3,313	26,701·93	923,216
OTHER MINERALS.				
MANGANESE.				
5. Mr. H. D. Coggan, Keshapur Block, Holalkere Taluk, Chitaldrug District, M. L. No. 176 ...	...	...	...	...
Keshapur Tank Block do do P. L. No. 759 ...	...	...	...	...
6. The Mysore Iron Mines (Government area) Bhadigund Block, Channagiri Taluk, Shimoga District ...	...	...	...	...
7. Messrs. V. Manickavelu Mudaliar & Son, Hulikatte Block, Davangere and Jagalur Taluks, Chitaldrug District, M. L. No. 171. ...	...	...	...	...
8. Mr. R. F. Nariman's Block, Chicknaikanhalli Taluk, Tumkur District P. L. No. 757 ...	...	...	...	...
CHROME.				
9. The Mysore Chromite, Ltd., Shinduvalli Mine, Mysore Taluk, Mysore District, M. L. No. 147 ...	665·33	...	362·74	9,669
Pensamudra Block, Arsikere Taluk, Hassan District M. L. No. 174 ...	...	...	...	...
10. The Government Chrome Committee (Government area), Byrapur Mine, Channarayapatna Taluk, Hassan District ...	...	...	...	...
Tallur Mine, Mysore Taluk, Mysore District ...	...	...	...	...
11. Messrs. V. Manickavelu Mudaliar & Son, Bhaktarhalli Block, Channarayapatna Taluk, Hassan District, M. L. No. 158 ...	...	...	...	...
Chikkonhalli Block, Channarayapatna Taluk, Hassan District, M. L. No. 159 ...	...	...	...	...
Jambur Block, Channarayapatna Taluk, Hassan District, M. L. No. 160 ...	...	...	...	...
MAGNESITE.				
12. Messrs. The Tata Iron & Steel Co. Ltd., Dodkanya Block, Mysore Taluk, Mysore District, M. L. No. 150 ...	...	...	...	...
IRON ORE.				
13. The Mysore Iron Mines (Government area), Kemmangundi, Tarikere Taluk, Kadur District ...	...	...	...	...
Thanigebyle Quarries, Tarikere Taluk, Kadur District ...	...	...	...	...
GREEN QUARTZITE.				
14. Mr. Syed Mohammed's Block, Iswarahalli, Chikmagalur Taluk, Kadur District, P. L. No. 767 ...	...	...	...	...
KAOLIN.				
15. The Kolar Brickmaking Co., Ltd., Karadibande Block, Malur Taluk, Kolar District, M. L. No. 154 ...	...	...	...	...
Thinnalu Block, Hoskote Taluk, Bangalore District, M. L. No. 175...	...	...	...	...
16. Mr. C. Abdul Sattar's Block, Kurubarahalli, Bowringpet Taluk, Kolar District, P. L. No. 761 ...	...	...	...	...
17. Mr. B. S. Shabuddin's Block, Doddurkarapanahalli, Bowringpet Taluk, Kolar District, P. L. No. 760 ...	...	...	...	...
18. The Mysore Geological Department (Government area) Arjunbettahalli Block, Nelamangala Taluk, Bangalore District ...	...	...	...	...
19. Mr. Abdul Ravoof's Block, Kondisettihalli, Malur Taluk, Kolar District, P. L. 762 ...	...	...	...	...
20. Mr. D. Subba Rao's Block, Satyavara, Hoskote Taluk, Bangalore District, P. L. 765 ...	...	...	...	...
21. Mr. R. Satram Doss's Block, Gurugunta Kaval, Bangalore Taluk, Bangalore District, P. L. No. 754 ...	...	...	...	...
SLATESTONE.				
22. Mr. G. Channaveerappa's Block, Hathyal, Tiptur Taluk, Tumkur District, P. L. No. 756 ...	...	...	...	...
23. Mr. T. L. Narasinga Bhan's Block, Manchekatte, Chicknaikanhalli Taluk, Tumkur District P. L. 764 ...	...	...	...	...
FELSPAR.				
24. The Mysore Geological Department (Government area) Settihalli Block, Bangalore Taluk, Bangalore District ...	...	...	...	...
LIMESTONE.				
25. The Mysore Iron Mines (Government area) Kondli, Chiknaikanhalli Taluk, Tumkur District ...	...	...	...	...
Gangoor Limestone Quarries, Shimoga and Chennagiri Taluks, Shimoga District.	...	...	...	...
SOAPSTONE.				
26. Mr. T. L. Narasinga Bhan's Block, Tiptur Taluk, Tumkur District, C. L. No. 124 ...	...	...	...	...
27. Mr. G. Channaveerappa's Block, Tiptur Taluk, Tumkur District, C. L. No. 126 ...	...	...	...	...
28. Messrs. Srichand Jeevaji & Co., Tiptur Taluk, Tumkur District, C. L. No. 125 ...	...	...	...	...
QUARTZ.				
29. The Mysore Geological Department (Government area) Settihalli, Bangalore Taluk, Bangalore District ...	...	...	...	...
CRUDE GRAPHITE.				
30 The Mysore Geological Department (Government area) Ganacharpur Mine, Bowringpet Taluk, Kolar District ...	...	...	...	...
Total for other Mines ...	665·33	...	362·74	9,6
Grand Total ...	63,595·83	3,313·00	27,064·67	932,8
Grand Total for 1934 ...	59,574·25	3,525·00	24,181·52	715,7

persons employed at Mines working in the State of Mysore during the year 1935.

Table 4.

TONS OF MATERIAL TREATED							PERSONS EMPLOYED													REMARKS
Ore					Tailings	Aggregate amount treated in mills and by tailings process	Below Ground					On Surface							Total number of persons employed below ground and on surface	
			Milling and amalgamating											Indians						
Raised to surface	Percentage sorted out as waste	Ore obtained	Crushed by stamps and tube mills	Crushed per stamp per 24 hours	Sands and slimes treated by cyanide		Europeans	Anglo-Indians	Indians	Total	Tons excavated per man per annum	Europeans	Anglo-Indians	Males	Females	Children under 12 years	Total	Tons handled per person per annum		
205,022	8·20	188,205·00	(a) 189,004	10·13	189,004	378,008	49	50	4,502	4,601	58·07	45	88	1,802	268	206	2,409	156·91	7,010	(a) Includes 799 tons from surface pickings.
162,725	11·99	143,218·00	(b) 136,100	11·37	217,683	353,783	39	31	2,921	2,991	59·49	36	59	1,272	199	67	1,633	216·65	4,624	
(c) 178,838	13·92	155,653·90	(d) 148,707	12·35	397,707	546,414	46	26	2,580	2,652	66·35	36	54	1,412	225	82	1,809	302·05	4,461	(b) Includes 45 tons from old bins; 7,163 tons put to reserve.
247,436	12·22	217,201·00	(e) 235,400	11·90	298,650	534,050	45	93	3,738	3,876	77·95	43	90	1,698	306	163	2,300	232·20	6,176	
794,021	11·52	704,277·00	709,211	11·75	1,103,044	1,812,255	179	200	13,741	14,120	65·38	160	291	6,184	998	518	8,151	222·34	22,271	
																				(c) Excess due to accumulation of rock underground by falls of ground, shaling off, bursting, etc.
...	...	207·26	...	...	...	...	...	...	...	...	...	...	...	23	18	...	41	...	41	
...	...	58·24	...	...	...	...	...	...	...	...	...	...	...	12	8	...	20	..	20	(d) Includes 1,707 tons crushed by Nundydroog and 1,850 tons from dumps; 8,796 tons put to reserve.
...	...	497·28	...	...	...	...	...	...	...	...	...	...	...	10	5	...	15	...	15	
...	...	156·80	...	...	...	...	...	...	...	...	...	...	...	8	7	...	15	...	15	(e) Includes 18,199 tons from dumps and stock.
...	...	56·00	...	...	...	...	...	...	...	...	...	...	...	4	16	...	20	...	20	
																				(f) Includes 15·11 tons collected on surface.
7,436	...	(f) 6,078·20	...	...	...	...	...	...	93	93	...	...	2	21	29	34	86	...	179	
...	...	24·33	...	...	...	...	...	...	...	...	...	...	...	3	...	...	3	...	3	
...	...	10,354·40	...	...	...	...	...	...	...	...	...	..	...	152	231	48	431	...	431	
...	...	493·92	...	...	...	...	...	...	...	...	...	...	...	13	13	10	36	...	36	
...	...	2,100·00	...	...	...	...	...	...	...	...	...	...	...	43	29	22	94	...	94	
...	...	2,296·00	...	...	...	...	...	...	...	...	...	...	...	16	15	14	45	...	45	
...	...	1,176·00	...	...	...	...	...	...	...	...	...	...	...	8	10	7	25	...	25	
...	...	4,641·84	...	...	...	...	...	...	...	...	...	...	...	83	93	14	190	...	190	
...	...	23,718·24	...	...	...	..	...	...	...	...	...	...	...	120	10	...	130	...	130	
...	...	3,183·04	...	...	...	...	...	...	...	...	...	...	...	25	5	...	30	...	30	
...	...	2·24	...	...	...	...	...	...	...	..	...	..	...	3	1	...	4	...	4	
...	...	1,708·06	...	...	...	...	...	...	...	...	...	...	...	4	4	...	8	...	8	
...	...	719·66	...	...	...	...	...	...	...	...	..	...	...	2	2	...	4	...	4	
...	...	17·92	...	..	...	...	...	...	...	...	...	...	...	2	...	...	2	...	2	
...	...	5·60	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	
...	...	805·28	...	...	...	...	...	...	...	...	...	...	...	25	15	...	40	...	40	
...	...	3·92	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	
...	...	7·84	...	...	...	...	...	...	...	...	...	...	..	1	...	...	1	...	1	
...	...	1·12	...	...	...	..	...	...	...	...	...	...	...	1	...	...	1	...	1	
...	...	32·48	...	...	...	...	...	...	...	...	...	...	...	4	10	...	14	...	14	
...	...	7·84	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	
...	...	53·26	...	...	...	...	...	...	...	...	...	...	...	16	10		26	...	26	
...	...	456·96	...	...	...	...	...	...	...	...	...	...	...	15	2	...	17	...	17	
...	...	6,151·04	...	...	...	...	...	...	...	...	...	...	...	40	10	...	50	...	50	
...	...	47·04	...	...	...	...	...	...	...	...	...	...	...	6	...	...	6	...	6	
...	...	54·88	...	...	...	...	...	...	...	...	...	...	...	8	...	...	8	...	8	
...	...	15·68	...	...	...	...	...	...	...	...	...	...	...	3	...	...	3	...	3	
...	...	39·20	...	...	...	...	...	...	...	...	...	...	...	16	10	...	26	...	26	
...	...	167·60	...	...	...	...	...	...	...	...	...	...	...	16	18	9	43	...	43	
7,436	...	65,339·17	...	...	...	...	..	...	93	93	...	...	2	706	571	158	1,437	...	1,530	
801,457	...	769,616·17	709,211	11·75	1,103,044	1,812,255	179	200	13,834	14,213	65·38	160	293	6,890	1,569	676	9,588	...	23,801	
747,984	11·05	733,606·60	678,876	11·39	1,116,489	1,795,365	174	176	12,873	13,223	54·05	165	295	6,937	1,405	615	9,417	...	22,640	

Statement of quantity and cost of materials consum

NAME AND SITUATION OF MINE	Fuel: Indian Coal: Tons used	Fuel: Indian Coal: Cost	Fuel: Firewood: Tons used	Fuel: Firewood: Cost	Fuel: Total Cost	Fuel: Cost per Ton milled	Electric Power: Cauvery Scheme: Total Cost	Electric Power: Cauvery Scheme: Cost per Ton milled	Electric Power: Kolar Mines: Total Cost	Electric Power: Kolar Mines: Cost per Ton milled	Timber: Quantity	Timber: Cost	Timber: Cost per Ton milled	Granite: Quantity	Granite: Cost	Granite: Cost per Ton milled	Cement: Quantity	Cement: Cost	Cement: Cost per ton milled	Blasting Gelatine: Quantity	Blasting Gelatine: Cost	Dynamite and other Explosives: Quantity	Dynamite and other Explosives: Cost	Det: Number of boxes (100 per box)
		£ Stg.		£ Stg.	£ Stg.	Shillings	£ Stg.	Shillings	£ Stg.	Shillings	C. ft.	£ Stg.	Shillings	Tons.	£ Stg.	Shillings	Tons	£ Stg.	Shillings	lbs.	£ Stg.	lbs.	£ Stg.	(a
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District	1,279·66	1,675·54	...	...	1,675·54	0·18	35,785·22	3·79	10,960·92	1·16	155,073	11,260·33	1·19	18,546·75	3,188·42	0·34	3,599·39	12,363·27	1·31	152,012	12,142·15	52,260	3,774·47	5,908·6
2. The Champion Reef Gold Mine do do	1,055·49	1,554·95	325·08	261·21	1,816·16	0·27	39,178·12	5·76	8,414·72	1·24	61,225	6,700·72	0·98	28,901·32	3,513·68	0·52	2,814·88	10,032·39	1·47	27,472	2,317·90	96,423	7,636·11	2,545·0
3. The Ooregum Gold Mine do do	4,017·78	5,380·43	249·35	166·97	5,547·40	0·75	29,712·11	4·00	13,492·25	1·81	195,403	7,772·91	1·05	6,745·05	1,041·97	0·14	828·27	2,823·12	0·38	81,087	6,561·68	31,301	2,301·80	3,219·0
4. The Nundydroog Gold Mine do do	1,162·77	1,658·49	432·88	380·24	2,038·73	0·17	41,203·76	3·50	21,296·89	1·81	235,724	16,008·61	1·36	4,274·48	707·21	0·06	2,359·00	8,036·54	0·68	188,165	15,143·84	41,452	3,062·68	5,828·00
Total for Gold Mines .	7,515·70	10,269·41	1,007·31	808·42	11,077·83	0·31	145,879·21	4·11	54,164·78	1·53	647,425	41,742·57	1·18	58,467·60	8,451·28	0·24	9,601·54	33,255·32	0·94	448,736	36,165·57	221,436	16,777·06	17,500·64
5. The Mysore Chromite, Ltd., Mysore Taluk, Mysore District, and Arsikere Taluk, Hassan District.	...	...	18·77	184·51	184·51	...	486·15	...	...	..	673	42·88	..	...	...	...	...	...	...	3,464	446·93	...	..	159·98
6. The Byrapur and Tallur Mines (Government areas), Channarayapatna Taluk, Hassan District, and Mysore Taluk, Mysore District.	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	130	17·06	2,631	87·23	33·00
7. Messrs. V. Manickavelu Mudaliar and Son's Blocks, Channarayapatna Taluk, Hassan District, Davangere and Jagalur Taluks, Chitaldrug District	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...	68	7·59	4·63
8. Messrs. The Tata Iron & Steel Co., Ltd., Mysore and Nanjangud Taluks, Mysore District.	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	(b) 4,510	158·80	29·00
9. The Mysore Iron Mines (Government areas), Tarikere Taluk, Kadur District, and Channagiri and Shimoga Taluks, Shimoga District, and Chiknayakanahalli Taluk, Tumkur District.	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	(c) 1,152	97·61	63·00
10. Mr. H. D. Coggan's Block, Chitaldrug Taluk, Chitaldrug District ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total ...	7,515·70	10,269·41	1,026·08	992·93	11,262·34	0·31	146,365·36	4·11	54,164·78	1·53	648,098	41,785·45	1·18	58,467·60	8,451·28	0·24	9,601·54	33,255·32	0·94	452,330	36,629·56	229,800	17,127·79	17,790·25
Total for 1934 ...	10,993·45	14,947·35	1,059·48	850·99	15,798·34	0·46	142,640·64	4·19	51,304·12	1·51	613,069	44,750·13	1·32	39,729·79	6,652·57	0·20	8,429·38	33,254·93	0·98	473,038	38,897·91	177,941	13,061·35	17,290·63

N.B.—Cost per ton milled refers to Gold Mines only.

Average Wages per Month.

Class	Europeans: Covenanted	Europeans: Uncovenanted	Indians
	£ Stg.	£ Stg.	Rs.
Chief Underground Agents ...	91·67	...	...
Assistant Underground Agents...	46·76	...	...
Foremen ...	28·38	9·35	95·25
Timbermen ...	21·83	16·99	...
Miners ...	18·89	10·76	...
Machine mestris ...	...	...	31·69
Machine coolies ...	...	...	20·19
Handjumper mestris ...	...	...	28·44
Handjumper coolies ...	...	...	17·81
Blasters ...	...	...	35·25
Timber mestris ...	...	...	29·75
Timber coolies ...	...	...	19·56
Stuff mestris ...	...	...	27·88

wages paid at Mines working at in the State of Mysore for the year 1935.

	Fuse						Light						Mercury			Cyanide				Zinc			Steel								Pig Iron, Wrought Iron and Iron Castings		
							Candles		Calcium Carbide														For drills and jumpers		Bars, plates, rolled sections, etc		Castings made locally and imported						
	Number of coils (24 feet per coil)	Electric fuse lighters	Cost	Total Cost	Cost per Ton excavated	Cost per Ton milled	Quantity	Cost	Quantity	Cost	Total Cost	Cost per Ton milled	Quantity	Cost	Cost per Ton milled	Quantity	Cost	Cost per Ton treated	Cost per Ton milled	Quantity	Cost	Cost per Ton milled	Quantity	Cost	Quantity	Cost	Quantity	Cost	Total Cost	Cost per Ton milled	Quantity	Cost	Cost per Ton milled
		Number	£ Stg.	£ Stg.	Shillings	Shillings	lbs.	£ Stg.	lbs.	£ Stg.	£ Stg.	Shillings	lbs.	£ Stg.	Shillings	lbs.	£ Stg.	Shillings	Shillings	lbs.	£ Stg.	Shillings	Tons	£ Stg.	Tons	£ Stg.	Tons	£ Stg.	£ Stg.	Shillings	Tons	£ Stg.	Shillings
	76,644	18,090	2,582·86	19,799·56	1·48	2·10	1,209	33·65	294,576	3,499·85	3,533·50	0·37	236	61·78	0·007	90,944	3,703·18	0·39	0·39	24,533	342·99	0·036	40·67	1,659·64	295·57	3,183·74	122·75	930·55	5,773·93	0·61	154·45	1,640·58	0·17
	42,801	...	1,404·89	11,933·03	1·34	1·75	757	22·33	250 394	3,066·83	3,039·16	0·45	875	107·28	0·016	118,879	5,138·16	0·47	0·76	29,702	460·85	0·068	26·87	1,007·77	130·31	1,888·91	21·42	232·19	3,078·87	0·45	128·48	1,211·25	0·18
	43,122	3,000	1,400·00	10,945·50	1·24	1·47	1,187	33·82	110,830	1,669 21	1,703·03	0·23	300	72·25	0·010	210,000	8,583·30	0·43	1·15	34,959	490·89	0·066	10·54	539·45	333·24	3,579·59	77·61	558·71	4,677·75	0·63	75·65	1,055·22	0·14
	98,800	4,200	3,160·19	22,590·19	1·50	1·92	3,831	103·28	299,914	3,559·95	3,663·23	0·31	300	56·93	0·005	169,344	6,899·63	0·46	0·59	31,733	447·24	0·038	57·16	2,505.34	253·75	2,516·55	112·70	797·51	5,819·40	0·41	288·38	1,986·91	0·17
	261,377	25,290	8,547·44	65,268 28	1·41	1·84	6,984	193·08	985,714	11,795·84	11,988·92	0·34	1,211	298·24	0.008	589,167	24,324·27	0·44	0·69	120,927	1,741·97	0·049	135·24	5,712·20	1,012·87	11,118·79	337·48	2,518·96	19,349·95	0·55	646·96	5,893 96	0·166
	1,912	...	121·95	627·12	...	..	3,342	87·91	...	...	87·91	...	...	...	..	...	...	...	...	...	...	...	0·37	22·31	3.39	18·91	...	...	41·22	...	...	...	...
	2,460	...	52·30	168·34	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	0·14	3·90	0·27	2·10	...	...	6·00	...	...	...	...
	141	..	6·83	16·10	..	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1,466	..	47·33	216·20	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	0·24	6·75	...	...	...	...	6·75	...	...	...	...
	502	...	30·59	146·76	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	.	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	..	...
	267,858	25,290	8,806·44	66,442·89	1·41	1·84	10,326	280·99	985,714	11,795·84	12,076·83	0·34	1,211	298·24	0·008	589,167	24,324·27	0·44	0·69	120,927	1,741·97	0·049	135·99	5,745·16	1,016·53	11,139·80	337·48	2,518·96	19,403·92	0·55	646·96	5,893·96	0·166
	244,759	28,990	8,533·23	64,257·23	1·78	1·87	9,974	286·37	993,578	10,793·94	11,080·30	0·33	1,460	342·03	0·010	632,446	26,698·11	0·48	0·79	122,342	1,833·88	0·054	119·27	4,623·84	1,073·62	12,595·51	304·00	2,658·36	19,839·08	0·52	625·53	6,076·35	0·179

Launders, platmen and bellmen ...	...
Chief Engineers ...	75·00
Assistant Engineers ...	46·15
Carpenters ...	93·75
Smiths ...	31·27
Engine Drivers ...	24·19
Boiler smiths ...	...
Surface coolies ...	...
Firemen ...	...
Chief Cyanide Chemists and Reduction Officers.	76·04
Assistant Cyanide Chemists and Reduction Officers.	34·92
Millmen ...	19·36
Fitters ...	...
Average for above classes ...	42·12
Average for above classes in 1934 ...	42·03

	23·69
	...
	...
	34·44
	39·81
	(1) 48·69 (2) 24·94
	36·25
	14·94
	32·50
	...
	...
	16·28
	(3) 42·19 (4) 33·69
	31·94
	31·64

(1) First class.
(2) Second class

(3) Surface.
(4) Underground.

Table 5.

Wages		Total of these costs per Ton milled	REMARKS
Total Amount	Per Ton milled		
£ Stg.	Shillings	Shillings	
200,191·50	21·18	32·92	(*a*) Includes 25·25 boxes of electric detonators.
113,882·94	16·74	30·73	
126,312·81	16·99	28·88	
175,418·38	14·90	25·99	
615,805·63	17·37	29·39	
2,930·85	...	...	Chromium.
2,769·16	...	...	Do.
2,217·04	...	...	Chromium and Manganese.
1,587·88	...	...	Magnesite (*b*) Includes 4,200 lbs. gun-powder.
4,870·05	...	...	(*c*) Includes 447 lbs. gunpowder. Iron ore, Manganese and Limestone.
302·41	...	..	Manganese.
630,483·02	17·37	29·39	
607,460·28	17·61	30·14	

Table of gold production and working costs at the Gold Min

NAME AND SITUATION OF MINE	GOLD PRODUCTION																
	From Mills and Tube Mills (current ore)					By Cyanide Process (current ore)					Total Production (current ore)				Retreatme		
	Assay value of ore treated Shillings per ton	Fine Gold	Value		Percentage recovered	Assay value of tailings. Shillings per ton	Fine Gold	Value		Percentage recovered	Fine Gold	Value		Percentage recovered	Assay value of tailings Shillings per ton	Fine Gol	
		Ounces	£ Stg.	Shillings per ton			Ounces	£ Stg.	Shillings per ton		Ounces	£ Stg.	Shillings per ton milled			Ounces	
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ...	43·22	63,709·29	270,764·48	28·65	66·29	14·35	30,681·06	130,394·50	13·80	96·15	94,390·35	401,158·98	42·45	98·22	...	...	
2. The Champion Reef Gold Mine do do ...	42·33	54,004·47	229,519·00	33·73	79·68	8·60	12,380·60	52,617·55	7·73	89·91	66,385·07	282,136·55	41·46	97·94	2·65	1,681·80	
3. The Ooregum Gold Mine do do ...	23·56	30,283·33	128,704·15	17·31	73·47	6·05	9,013·78	38,308·56	5·15	85·16	39,297·11	167,012·71	22·46	95·34	4·91	11,904·42	
4. The Nundydroog Gold Mine do do ...	39·97	91,365·20	401,052·10	34·07	85·25	5·90	14,023·08	59,597·88	5·06	85·52	108,388·23	460,649·98	39·14	97·92	4·78	2,768·7	
Total ...	37·85	242,362·29	1,030,039·73	29·05	76·74	8·70	66,098·47	280,918·49	7·92	91·06	308,460·76	1,310,958·22	36·97	97·67	4·42	16,354·96	
Total for 1934 ...	38·59	236,234·85	1,003,998·11	29·58	76·65	8·91	64,365·92	273,555·16	8·05	90·45	300,600·77	1,277,553·27	37·64	97·53	4·52	18,614·9	

Value taken at 85 shillings per oz.

s working in the State of Mysore during the year 1935.

Table 6.

T OF TAILINGS DUMPS			FROM OTHER SOURCES		TOTAL PRODUCTION FROM ALL SOURCES		WORKING COSTS							Total Expenditure (including administration)		REMARKS
							MINING			ORE TREATMENT (CURRENT ORE)		RETREATMENT OF TAILINGS DUMPS				
Value			Fine Gold	Value	Fine Gold	Value				Milling, Tube-milling and Cyaniding		Tube-milling and Cyaniding				
£ Stg.	Shillings per ton	Percentage recovered	Ounces	£ Stg.	Ounces	£ Stg.	£ Stg.	Shillings per ton excavated	Shillings per ton milled	£ Stg.	Shillings per ton treated	£ Stg.	Shillings per ton treated	Shillings per ton of current ore treated	Shillings per ton milled including cost of retreatment of old dumps	
...	...	...	(a) 320·42	1,361·79	91,710·77	402,520·77	261,701·17	19·59	27·69	44,112·63	4·67	...		39·14	39·14	
7,147·65	1·75	66·12	...	...	68,066·87	289,284·20	187,025·16	21·02	27·48	28,668·63	4·21	9,891·65	2·42	39·03	40·49	Fine gold figures for twelve months supplied by the Mining Companies are subject to final adjustment.
50,593·78	4·06	82·76	(b) 1,142·33	4,854·90	52,343·86	222,461·39	202,318·45	23·00	27·21	23,110·25	3·11	26,527·98	2·13	36·13	39·70	(a) Obtained from slags, etc.
11,767·15	3·72	77·84	...	..	111,156·97	472,417·13	276,444·12	18·30	23·49	42,336·17	3·60	10,612·72	3·36	31·30	32·20	(b) Obtained from quartz mined by Nundydroog Mine and accumulated Matte.
69,508·58	3 53	79·86	1,462·75	6,216·69	326,278·47	1,386,683·49	927,491·90	20·09	26·16	138,227·68	3·90	47,031·45	2·39	35·89	37·21	
79,113·46	3·62	79·99	2,105·93	8,950·20	321,321·63	1,365,616·93	888,188·00	24·97	26·17	134,188·64	3·96	54,972·76	2·51	36·57	38·19	

Number and Classification of fatal and serious accidents at Mines working in the State of Mysore during the year 1935.

Table 7.

NAME AND SITUATION OF MINE	Falls in Mines						In and at Shafts						Miscellaneous Below Ground										On Surface					Total due to			
	Falls of hanging wall	Falls of sides or roof	Falls of ore from working places	Total falls	Over-winding	Ropes and chains breaking	Whilst ascending or descending by machinery	Falling into shaft from surface	Falling from part way down	Things falling from surface	Things falling from part way down	Total in and at shafts	Rockbursts	Suffocation by gases	Explosion due to misfires	By explosives (other than misfires)	Falls of persons or things in Rises, Winzes and Stopes	On Inclined and Engine Planes	By Trams or Tubs, but not on Inclined and Engine Planes	By machinery	By other causes	Total miscellaneous below ground	By machinery	Boilers and steam pipes bursting, etc.	On Railways, Tramways or Aerial Ropeways belonging to Mine	Miscellaneous	Total on surface	Negligence	Recklessness	Unavoidable	Grand Total
Number of Class of Accident ...	i	ii	iii		iv	v	vi	vii	viii	ix	x		xi	xii	xiii	xiv	xv	xvi	xvii	xviii	xix		xx	xxi	xxii	xxiii					
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District	3	1	...	4	...	...	...	...	2	...	1	3	4	..	5	...	8	...	2	...	23	42	...	...	2	3	5	7	3	44	54
2. The Champion Reef Gold Mine do do	...	3	1	4	...	...	...	...	1	...	1	2	14	...	2	...	3	...	10	.	38	67	...	...	3	3	6	5	7	67	79
3. The Ooregum Gold Mine do do	...	...	...	0	1	...	...	...	1	...	2	4	8	...	2	...	3	...	2	...	32	47	...	...	3	5	8	3	6	50	59
4. The Nundydroog Gold Mine do do	...	...	...	0	...	...	1	..	2	...	...	3	14	...	3	1	12	...	7	1	34	72	...	...	..	4	4	4	7	68	79
5. The Kolar Gold Field Electricity Department, Bowringpet Taluk, Kolar District.	.	...	...	0	...	...	...	...	...	...	...	0	...	...	..	...	...	...	...	...	...	0	...	...	...	1	1	0	0	1	1
6. Sinduvalli Mine, Mysore Taluk, Mysore District.	...	...	...	0	...	...	...	...	...	...	..	0	...	...	...	...	1	...	...	...	1	2	...	...	...	...	0	0	0	2	2
Total ..	3	4	1	8	1	0	1	0	6	0	4	12	40	0	12	1	27	0	21	1	128	230	0	0	8	16	24	19	23	232	274
Number due to: Negligence ...	1	1	1	3	0	0	0	0	2	0	0	2	0	0	7	0	1	0	0	1	3	12	0	0	1	1	2				
Number due to: Recklessness ...	1	1	0	2	0	0	0	0	1	0	1	2	0	0	4	0	5	0	2	0	8	19	0	0	0	0	0				
Number due to: Unavoidable ...	1	2	0	3	1	0	1	0	3	0	3	8	40	0	1	1	21	0	19	0	117	199	0	0	7	15	22				

Number of fatal and serious accidents per 1,000 persons employed at Gold Mines working in the State of Mysore during the year 1935.

Table 8.

NAME AND SITUATION OF MINE	NUMBER PER 1,000 DUE TO			Total per 1,000	Total per 1,000 for the year 1934	Total per 1,000 for the year 1933	REMARKS
	Negligence	Recklessness	Unavoidable				
The Mysore Gold Mine, Bowringpet Taluk, Kolar District	1·00	0·43	6·27	7·70	12·62	13·64	In these columns, in order to avoid large and misleading figures in the case of mines employing less than 1,000 persons, the actual figures obtained for these mines have been modified in the following way:— If the actual figure is less than the average (for all mines), it is inserted here. If the actual figure is greater than the average, the excess above the average is reduced in proportion of the number of persons employed to 1,000. The figure inserted here is equal to the average plus this reduced excess.
The Champion Reef Gold Mine do do	1·08	1·73	14·27	17·08	19·23	13·31	
The Ooregum Gold Mine do do	0·67	1·35	11·21	13·23	13·12	14·63	
The Nundydroog Gold Mine do do	0·65	1·13	11·01	12·79	16·19	12·88	
Average for all mines ...	0·85	1·07	10·29	12·21	15·15	13·57	
Average for 1934 ...	0·88	0·88	13·39				

Number of persons killed in accidents at Mines working in the State of Mysore for the year 1935.

Table 9.

NAME AND SITUATION OF MINE	Falls in Mines				In and at Shafts								Miscellaneous Below Ground										On Surface					
	Falls of hanging wall	Falls of sides or roof	Falls of ore from working places	Total falls	Over-winding	Ropes and chains breaking	Whilst ascending or descending by machinery	Falling into shaft from surface	Falling from part way down	Things falling from surface	Things falling from part way down	Total in and at shafts	Rockbursts	Suffocation by gases	Explosion due to misfires	By explosives (other than misfires)	Falls of persons or things in Rises, Winzes and Stopes	On Inclined and Engine Planes	By Trams or Tubs, but not on Inclined and Engine Planes	By machinery	By other causes	Total miscellaneous below ground	By machinery	Boilers and Steam Pipes bursting, etc.	On Railways, Tramways or Aerial Ropeways belonging to Mine	Miscellaneous	Total on surface	Grand Total
Number of Class of Accident ...	i	ii	iii		iv	v	vi	vii	viii	ix	x		xi	xii	xiii	xiv	xv	xvi	xvii	xviii	xix		xx	xxi	xxii	xxiii		
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District	1	...	...	1	...	...	...	...	1	...	...	1	1	...	2	...	1	...	1	...	...	5	...	...	...	...	0	7
2. The Champion Reef Gold Mine do do	...	...	1	1	...	...	...	...	1	...	...	1	4	...	...	...	2	...	...	...	3	9	...	...	...	..	0	11
3. The Ooregum Gold Mine do do	...	...	...	0	...	...	...	...	1	...	1	2	5	...	1	...	1	...	...	...	3	10	...	...	...	1	1	13
4. The Nundydroog Gold Mine do do	...	...	...	0	...	...	1	...		...	...	3	11	...	2	...	5	...	...	...	1	19	...	...	...	...	0	22
5. Sinduvalli Mine, Mysore Taluk, Mysore District	...	...	...	0	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	4	4	...	...	...	...	0	4
Total ...	1	0	1	2	0	0	1	0	5	0	1	7	21	0	5	0	9	0	1	0	11	47	0	0	0	1	1	57

Number of persons seriously injured in accidents at Mines working in the State of Mysore during the year 1935.

Table 10.

NAME AND SITUATION OF MINE	Falls in Mines				In and at Shafts								Miscellaneous below Ground										On Surface					Grand Total
	Falls of hanging wall	Falls of sides or roof	Falls of ore from working places	Total falls	Over-winding	Ropes and chains breaking	Whilst ascending or descending by machinery	Falling into shaft from surface	Falling from part way down	Things falling from surface	Things falling from part way down	Total in and at shafts	Rockbursts	Suffocation by gases	Explosion due to misfires	By explosives (other than misfires)	Falls of persons or things in Rises, Winzes and Stopes	Open Inclined and Flat Planes	By Trams or Tubs, but not on Inclined and Engine Planes	By machinery	By other causes	Total miscellaneous below ground	By machinery	Boilers and Steam Pipes bursting, etc.	On Railways, Tramways or Aerial Ropeways belonging to Mine	Miscellaneous	Total on surface	
Number of Class of Accident ...	i	ii	iii		iv	v	vi	vii	viii	ix	x		xi	xii	xiii	xiv	xv	xvi	xvii	xviii	xix		xx	xxi	xxii	xxiii		
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District	4	1	..	5	...	...	...	...	1	...	1	2	9	...	7	...	7	...	1	...	23	47	...	...	2	3	5	59
2. The Champion Reef Gold Mine do do	...	3	...	3	...	...	...	...	...	...	1	1	14	...	3	...	1	...	10	...	36	64	...	...	3	3	6	74
3. The Ooregum Gold Mine do do	...	...	..	0	1	...	...	...	...	...	1	2	6	...	2	...	2	...	2	...	29	41	...	..	3	4	7	50
4. The Nundydroog Gold Mine do do	...	...	...	0	...	...	...	...	...	...	...	0	20	...	3	1	7	...	7	1	33	72	...	...	...	4	4	76
5. The Kolar Gold Field Electricity Department, Bowringpet Taluk, Kolar District ...	...	...	...	0	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...	0	...	...	...	1	1	1
6. Sinduvalli Mine, Mysore Taluk, Mysore District	...	...	...	0	...	...	...	...	...	...	...	0	...	...	...	...	1	...	...	...	...	1	...	...	...	...	0	1
Total ...	4	4	0	8	1	0	0	0	1	0	3	5	49	0	15	1	18	0	20	1	121	225	0	0	8	15	23	261

Comparative table showing the mortality and other items at Gold Mines working in the State of Mysore and in the Transvaal.

ITEMS — Year ...	MYSORE																				TRANSVAAL										
	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	192
1. Number of separate accidents (fatal and serious) per 1,000 persons employed.	7·48	6·69	6·12	8·19	11·03	7·41	7·51	9·90	10·28	10·65	10·19	10·99	9·88	12·25	10·63	10·60	11·32	13·57	15·15	12·30	10·40	9·97	10·18	12·09	13·89	23·58	18·82	16·92	18·02	20·71	18·9
2. Death rate per 1,000 persons employed above ground	0·48	0·29	0·47	0·56	0·20	0·29	0·37	0·20	0·00	0·11	0·42	0·22	0·11	0·46	0·12	0·36	0·13	0·24	0·24	0·12	1·13	0·78	1·07	0·68	0·92	0·69	0·78	0·87	0·85	0·68	0·4
3. Death rate per 1,000 persons employed below ground	5·66	4·67	4·73	4·54	6·01	4·95	5·42	7·09	6·43	6·92	4·50	4·94	4·36	6·66	4·26	12·86	6·74	4·34	4·10	3·68	3·83	3·34	3·12	3·16	3·05	2·87	2·64	3·18	3·27	3·03	2·9
4. Death rate per 1,000 persons employed (above and below ground) ...	3·52	2·81	2·90	2·79	3·55	2·91	3·09	3·79	3·38	3·62	2·45	2·64	2·28	3·74	2·31	7·12	3·93	2·67	2·60	2·38	3·22	2·59	2·47	2·41	2·38	2·19	1·85	2·50	2·56	2·32	2·2
5. Number of persons employed for each 100,000 tons of ore crushed ...	3,288	3,333	3,434	3,475	3,554	3,639	3,262	3,169	2,890	2,792	2,924	2,963	2,884	2,797	2,924	3,159	3,031	3,071	3,169	3,140	766	736	787	789	799	803	792	730	693	683	673
6. Number of persons killed for each 100,000 tons of ore crushed ...	11·58	9·37	9·94	9·69	12·63	10·60	10·70	12·00	9·76	10·10	7·18	7·83	6·59	10·47	6·75	22·51	11·92	8·18	8·25	7·47	2·47	1·99	2·05	1·99	2·00	1·86	1·71	1·90	1·84	1·64	1·56
7. Number of persons employed for each £100,000 worth of gold obtained	1,188	1,185	1,264	1,304	1,317	1,442	1,435	1,270	1,188	1,156	1,151	1,165	1,178	1,093	1,237	1,309	1,341	1,420	1,575	1,606	573	541	1	548	570	557	535	516	498	492	489
8. Number of persons killed for each £100,000 worth of gold obtained	4·18	3·33	3·66	3·63	4·68	4·20	4·44	4·81	4·01	4·18	2·82	3·08	2·70	4·46	2·86	9·32	5·26	3·78	4·10	3·82	1·84	1·46	1·46	1·38	1·43	1·29	1·16	1·34	1·33	1·19	1·12
9. Average value (in shillings) of ore (gold obtained per ton crushed)	55·38	56·25	54·33	53·27	53·97	50·46	(a) 43·69	(a) 44·65	(a) 43·73	(a) 42·54	(a) 44·42	(a) 44·92	(a) 42·53	(a) 41·52	(a) 42·29	(a) 42·85	(a) 40·50	(a) 40·55	(a) 37·64	(a) 36·97	26·74	27·15	28·02	28·70	23·05	28·83	29·58	28·36	27·84	27·79	27·77

(a) Represents the average value of gold obtained from current ore crushed only and does not include value of gold obtained from retreatment of old dumps as in previous years.

Table 11.

1927	1928	1929	1930	1931	1932	1933	1934	1935	REMARKS
29·43	34·11	37·47	36·11	40·89	46·16	44·08	42·10	40·76	
0·33	1·14	0·94	0·64	0·68	0·52	0·70	0·76	0·56	
3·53	2·72	3·26	3·18	2·93	2·90	2·88	2·57	2·76	
2·75	2·24	2·58	2·47	2·31	2·28	2·29	2·04	2·12	
702	712	691	704	710	683	689	706	702	
2·01	1·66	1·86	1·81	1·71	1·61	1·64	1·49	1·54	
494	504	494	498	510	497	557	648	702	
1·41	1·18	1·33	1·28	1·22	1·17	1·32	1·37	1·54	
28·66	28·32	28·02	28·29	27·88	27 49	24·76	21·82	20·06	

List of mining properties leased, assigned or abandoned in the State of Mysore from January to December 1935.

Table 12.

A.—Leased.

NAME OF PROPERTY	SITUATION		Name of Lessee	Date of Grant	Registered No. of Lease	REMARKS
	Taluk	District				
Nil	.....	.....	Nil	.....	.....	.....

B.—Assigned.

NAME OF PROPERTY	SITUATION		Registered No. of Lease	Name of Assignor	Name of Assignee	Date of Assignment	REMARKS
	Taluk	District					
Nil	.....	.....	.....	Nil	.....	.....	.....

C.—Abandoned.

NAME OF PROPERTY	SITUATION		Registered No. of Lease	Name of Lessee	Date of Abandonment	REMARKS
	Taluk	District				
Nil	.....	.....	.....	Nil	.....	.....

RECORD OF FATAL AND SERIOUS ACCIDENTS.

[MINING.]

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed *(All males unless otherwise stated)*	Names and Number of Persons injured *(All males unless otherwise stated)*	Reputed Age
3rd January ...	1	The Mysore Gold Mine, Bowringpet Taluk, Kolar District	9-30	2½	...	1 K. Raman ..	22
9th January ...	6	Do ...	10	3	...	1 Venkataswami ...	30
25th January ...	20	Do ...	5-30	6½	...	1 N. Muniswami ...	28
25th January ...	27	Do ...	14-45	7¾	...	1 V. Nadesan ...	16
12th February ...	30	Do ...	7-30	8½	...	1 T. Kauly ...	22
15th February ...	31	...	19-10	4⅙	1 C. Rajamanickam	...	25
4th March ...	43	Do ..	12-30	5½	1 P. Singaram ...	...	34
					...	1 Moideen Sheriff...	46
5th March ...	46	Do ...	3	4	...	1 A. Govindan ...	30
11th March ...	58	Do ...	13-45	6¾	...	1 Narayanan ...	22

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.

Table 13

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Blackrock cooly...	No. 47 stope below the 54th level S., (East Reef), No. 1 Incline Shaft.	I	Fall of ground from hanging wall ...	Extensive lacerated wound of left knee, muscles cut, joint opened, lacerated wound lower 3rd leg, compound comminuted fracture of upper 3rd of right tibia and wounds of lower 3rd leg.
Sweeper ...	Drive, 45th level N., Ribblesdale's No. 1 Winze.	XIX	While crossing over a pile of rock, one of the pieces rolled down and struck his leg.	Wound over left tendo-achilles, tendon completely cut.
Blackrock cooly...	No. 38 stope below the 48th level S., Rowse's Auxiliary Shaft.	XIX	While clearing stuff, a piece of rock rolled down and struck his knee.	Wound of right knee joint opened.
Picking floor cooly	Main Waste Rock Dump (surface).	XXII	While pulling a bandy, a wheel passed over his foot.	Extensive lacerated wounds of dorsum and sole of left foot.
Blackrock cooly...	No. 1 winze below the 53rd level S., Rowse's Auxiliary Shaft.	XV	While climbing up by ladder, he slipped and fell a distance of 8 feet.	Contusion of lower part of back.
Stuff cooly ...	Skip road below the 63rd level, McTaggart's Main Winze.	VIII	While crossing the skip road, he slipped and fell down the shaft.	Head smashed and multiple wounds all over the body.
Machine cooly ...	Stope below the 51st level N., McTaggart's Main Winze.	XIII	Due to the explosion of an unexploded charge of explosives.	Right hand severed from arm above wrist, right side of face blown away and multiple peppered wounds all over body.
Machine mestri (M. 3,285.)	Do ...	Do	Do ...	Peppered wounds of scalp, face, both eyes (no vision), all over body and right knee, joint opened.
Blackrock cooly...	Drive, 44th level S., Ribblesdale's Auxiliary Shaft.	XIX	A piece of rock fell on his knee ...	Wound of left knee, joint opened.
Handjumper cooly	No. 45 stope below the 46th level N., Ribblesdale's Auxiliary Main Winze.	XIII	Tampered with a socket containing remnant of the previous charge of explosives.	Foreign bodies in both eyes, peppered wounds of face, both upper extremities, chest-wall, left leg, right thigh and knee.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
15th March ...	55	The Mysore Gold Mines, Bowringpet Taluk, Kolar Dis- etc.—*contd.*	11-15	$4\frac{1}{4}$	...	1 Kuppan ...	25
17th March ...	59	Do ...	10-45	$3\frac{3}{4}$	..	1 M. Krishtan ...	25
24th April ...	80	Do ...	9-40	$2\frac{2}{3}$	...	1 D. Subbarayaloo	28
27th April ...	87	Do ...	14	7	...	1 A. Annamalai ...	30
3rd May ...	95	Do ...	11-35	$4^{7}/_{12}$	...	1 V. Subban ...	42
8th May ...	90	Do ...	11-45	$4\frac{3}{4}$	...	1 K. Gopal ...	24
10th May ...	98	Do ...	10-30	$\frac{1}{2}$	...	1 V. Chinna Manickam	28
10th May ..	106	Do ...	11	4	...	1 Munian ...	25
14th May ...	102	Do ...	15-45	$8\frac{3}{4}$	...	1 T. Duraiswami ...	30

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Road cooly ...	Ladderway above the 16th level, Rowse's Shaft.	X	While climbing up by ladderway, a plank fell on his foot.	Extensive lacerated wound of dorsum of left foot with compound comminuted fracture of 1st and 2nd metatarsals.
Machine cooly ...	No. 93 stope below the 1,800 ft. level N., Tennant's Shaft.	XIX	While clearing stuff, a piece of rock fell on him.	Lacerated wound of left ring finger, 2nd, 3rd and 4th toes crushed and amputated.
Machine mestri (M. 11,688,—B 7,957).	No. 4 rise above the 51st level S., Ribblesdale's Auxiliary Shaft.	XIX	While bringing down loose rock, a piece fell on his foot.	Lacerated wounds of dorsum of left foot with compound fracture of proximal phalanges of 1st, 3rd and 4th toes.
Handjumper cooly	No. 98 stope below the 48th level S., Ribblesdale's Auxiliary Shaft.	XIX	While drilling a hole, a small chip of quartz flew into his eye.	Penetrating wound of right cornea with loss of vision.
Stuff mestri (M. 13,280).	Drive, 63rd level S., McTaggart's Main Winze.	XIX	While filling a bandy, some pieces of rock fell on him.	Lacerated wound of both temples, right middle finger. Extensor tendon cut, wound of face (left), right ear, middle of right forearm, below left knee, lower 3rd of right thigh and contused wounds of right chest-wall.
Blackrock cooly...	No. 1 stope below the 236 ft. level S., Plummer's Shaft.	XIX	While mixing sand and cement with water, some slush flew into his eye.	Traumatic cataract and conjunctivitis of right eye.
Blackrock mestri (M. 13,007).	Stope below the 46th level S., Ribblesdale's Auxiliary Main Winze.	XV	He fell astride a pole forming part of a stage.	Wound of scrotum and partial rupture of urethra.
Handjumper cooly	Stope below the 44th level N., Rowse's No. 1 Auxiliary Shaft.	XIX	While clearing stuff, a piece of rock fell on his leg.	Extensive lacerated wound of lower 3rd of right leg and ankle.
Handjumper cooly	No. 44 stope below the 46th level N., Ribblesdale's Auxiliary Main Winze.	XI	A rockburst	Extensive lacerated wounds of face with compound fracture of nasal bones, chin with bone exposed and loss of upper lateral incisor, lower 3rd left t igh, muscle injured and wounds of left arm, elbow and right great toe.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
16th May ...	108	The Mysore Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	12	5	...	1 M. Chinnappa ...	35
21st May ...	110	Do ...	7-30	½	...	1 B. Narasigadoo ...	22
21st May ...	111	Do ...	14-30	7½	...	1 Subramany ...	25
24th May ..	109	Do ...	13	6	...	1 Muthyal Reddy...	28
28th May ...	112	Do ...	9-45	2¾	...	1 K. Gungan ...	30
1st June ...	121	Do ...	10	3	...	1 Appavoo ...	25
1st June ...	122	Do ...	12-30	5½	...	1 Chinnapian .	35
6th June ...	126	Do ...	21-30	6 ½	...	1 Krishtan ...	23
17th June ...	133	Do ...	14-25	$7^{5}/_{12}$	..	3 T. Muniswami ...	36
					...	K. Parasuraman ..	45
						and	
					...	V. Chinnaswami ...	26
29th June ...	148	Do ...	0-15	1¼	...	1 Periaswami ...	35

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Timber cooly ...	Footwall drive, 46th level S., Edgar's Shaft.	XIX	While fixing a rail set, a piece of rock fell on his foot.	Septic wound dorsum of left foot with cellulitis.
Sweeper ...	Company's cattle shed (surface).	XXIII	He was knocked down by a bullock in the cattle shed.	Colles' fracture, right.
Gang cooly ...	Assay office (surface)	XXIII	He threw a bucket of water into the fire box of a retorting furnace resulting in a sudden rush of steam.	Burn of right arm.
Handjumper cooly	Plat, 34th level, Tennant's Main Winze.	XIX	While filling a skip, his leg was caught between the plat rails.	Lacerated wound below left knee.
Timber cooly ...	Intermediate drive S. above 46th level S., Mc Taggart's Main Winze.	II	Fall of rock from the back of the level.	Simple fracture of middle of right tibia with wound of right leg and dorsum of left foot.
Handjumper cooly	No. 4 stope below the 53rd level S., Mc Taggart's Main Winze.	XIX	While at work in the stope, a piece of rock fell on his leg.	Lacerated wound over left tendo-achilles, tendon partly cut.
Timber mestri, (M. 12,659).	Engine Chamber, 49th level, No. 1 Incline Shaft.	XIX	While taking down loose, a chip of rock flew into his eye.	Penetrating wound of left cornea with traumatic cataract.
Stuff cooly ...	Quartz Dump, Crocker's Shaft (surface).	XXII	While pushing a bandy, he slipped and fell on the tram line.	Rupture of urethra.
Handjumper cooly	No. 24 stope below the 46th level N., Ribblesdale's Auxiliary Main Winze.	XI	A rockburst.	Lacerated wound of forearm with fracture of outer table of frontal bone, wounds of scalp, face, left shoulder, left knee and right leg.
Do ...	Do ...	Do	Do	Lacerated wound lower 3rd of left forearm, contused wounds of dorsum of left hand with compound fracture of 3rd metacarpal, wounds of left shoulder, lower part of back and dorsum of right hand.
Do ...	Do ...	Do	Do	Lacerated wound of left shoulder, neck and behind left ear.
Machine cooly ...	Sink, 340 feet below the 80th level, Edgar's Sub-Vertical Shaft.	XIX	While taking out a steel crib ring, a piece of concrete fell on his leg.	Compound fracture lower 3rd of right tibia.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
13th July ...	154	The Mysore Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	14	7	...	1 B. Muniyappa ...	50
19th July ...	155	Do ...	11-30	4½	...	1 Chinna Muniswami	46
19th July ...	156	Do ...	15-15	8¼	...	3 K. Kolanday ...	38
	...		...	...	...	T. Govindan ...	35
						and	
	...		...	...	...	K. Venkatan ...	30
						...	
22nd July ...	158	Do ...	2	3	...	1 N. Mottay ...	34
23rd July ...	159	Do ...	10-10	3⅛	...	1 Krishna Reddy...	50
6th August ...	169	Do ...	10-15	3¼	...	1 G. Murugan ...	25

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Handjumper mestri, (M. 6,438-B. 4,482).	No. 7 stope below the 1,260 ft. level S., Ribblesdale's Shaft.	XIII	Due to drilling into a socket containing remnant of the previous charge of explosives.	Foreign bodies in both eyes with haemorrhage into the anterior chamber of left eye, peppered wounds of face, chest-wall, both upper extremities and both legs.
Machine mestri, (M. 9,795).	Drive, 80th level S., Edgar's Sub-Vertical Shaft.	XIX	While fixing the bar, some pieces of rock fell on him.	Lacerated wounds of left knee, joint opened and lower 3rd of right forearm.
Handjumper cooly	No. 130 stope below the 44th level N., Rowse's Auxiliary Shaft.	XIII	Due to the explosion of a socket containing a portion of the previous charge of explosives.	Extensive lacerated wound of right side of chest-wall, muscles cut. Wounds of left chest-wall, abdomen, right elbow, joint opened, left forearm, upper 3rd with ulna chipped, hand, lower 3rd of right thigh, knee and peppered wounds all over body.
Do ...	Do ...	Do	Do	Lacerated wound lower 3rd of right forearm, muscles cut, right thumb, foreign bodies in both eyes, peppered wounds of face, and lacerated wound of neck with trachea opened.
Do ..	Do ...	Do	Do	Lacerated wound, right side of chest-wall, muscles cut. Wounds of scalp, upper 3rd of left thigh, peppered wounds of face, chest-wall and foreign bodies in both eyes.
Stuff cooly ...	No. 3 winze, 80th level, Edgar's Sub-Vertical Shaft.	XIX	While drilling a hole, some slush flew into his eye.	One day old corneal ulcer of left eye with little vision.
Handjumper cooly	No. 70 stope below the 2,000 ft. level N., Tennant's Shaft.	XV	While at work in the stope, a casuarina pole fell on his arm.	Simple fracture middle 3rd of left humerus.
Road cooly ...	Ladder road below the 890 ft. level, Rowse's Shaft.	VIII	The sollar on which he was working collapsed, causing him to fall 15 feet.	Wound of scalp, Colles' fracture, right. Contused wounds of back with fracture of right lower ribs, multiple wounds of both feet

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
23rd August ...	179	The Mysore Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	10	3	1 A. Samigan ...	...	36
24th August ..	180	Do ...	14-30	7½	...	1 K. Perumal ...	28
26th August ...	181	Do ...	10-30	3½	1 K. Madhavan ...	...	25
			...	...	...	1 S. Krishtan ...	35
7th September ...	190	Do ...	12-20	5⅓	...	2 Irupachi ...	37
						and	
			...	...	...	T. Alavi ...	23
10th September...	196	Do ...	13-45	6¾	...	1 P. Kuppan ...	50
11th September...	197	Do ...	14-30	7½	...	1 T. Venkatan ...	48
12th September...	195	Do ...	5-45	6¾	...	1 K. Nadesan ...	25

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Blackrock cooly...	Drive, 55th level N., No. 1 Incline Shaft.	XVII	His hand was caught between a moving bandy and a piece of timber.	Simple fracture both bones of left forearm at junction of middle and lower 3rd. Died in hospital on 4th September.
Blackrock cooly...	Drive, 44th level S., Rowse's Auxiliary Shaft.	XVII	While putting a derailed bandy on the track, his foot was caught under a wheel.	Extensive lacerated wound dorsum and sole of left foot with compound fracture of proximal phalanges of 2nd and 3rd toes and 4th toe crushed and amputated.
Timber cooly ...	Drive, 33rd level N., South Reclamation Winze.	I	Fall of rock from hanging wall ...	Fracture of spine (middle), wound middle of left forearm and lower 3rd of left leg. Died in hospital on 9th November.
Do ...	Do ...	Do	Do	Extensive lacerated wound lower part of back with compound fracture of spinous process of lower lumbar vertebrae and wound lower 3rd of left leg.
Handjumper cooly	No. 21 stope below the 1,450 ft. level S., Gilbert's Shaft.	XI	A rockburst	Lacerated wound of left knee, joint opened, contused abrasions of right knee and lower 3rd leg.
Do ...	Do ...	Do	Do	Extensive lacerated wound lower part of back with fracture of pelvis and muscles cut and wound of forehead.
Stuff cooly ...	Drive, 81st level N., North Auxiliary Vertical Shaft.	XIX	While clearing stuff, he fell on some pieces of rock in the level.	Contused abrasion of back.
Handjumper cooly	No. 121 stope below the 48th level S., Ribblesdale's Auxiliary Shaft.	XV	While climbing up by ladder, he slipped and fell a distance of 10 feet.	Contused abrasions of left shoulder, back, both elbows, hands and right hip.
Blackrock cooly...	Drive, 34th level S., Tennant's Main Winze.	XV	Owing to the collapse of the level, he fell down a stope about 30 feet.	Extensive lacerated wounds of scalp, multiple lacerated wounds all over body.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
15th October ...	225	The Mysore Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	11	4	...	1 K. Nagan ...	40
17th October ...	223	Do ...	11-40	4⅔	1 K. Abboy ...	...	37
					...	3 B. Narayana Reddy	25
					...	C. Varada Reddy	45
						and	
					...	T. Duraiswami...	27
3rd November ...	235	Do ...	11	4	...	1 Maury ...	40
4th November ...	236	Do ...	21	6	...	1 Iruchan ...	28
8th November ...	241	Do ...	10-30	3½	...	1 P. Perumal ...	30

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Handjumper cooly	No. 28 stope below the 56th level (Inter) S., No. 1 Incline Shaft.	XIX	While drilling, a small chip of steel flew into his eye.	Penetrating wound of left eye.
Handjumper mestri, (M. 7,644)	No. 99 stope below the 1,870 ft. level S., Tennant's Shaft.	XI	A rockburst	Multiple wounds all over body with severe wounds back of head, left elbow and middle of back.
Handjumper cooly	Do ...	Do	Do	Extensive lacerated wound behind right knee, muscles and nerves injured, wounds of upper 3rd of left thigh, right hip, right shoulder, contused abrasions of back and wound of scalp.
Do ...	Do ...	Do	Do	Ecchymosis both eyes, wounds of scalp, upper lip, chest-wall, left upper extremity, contused abrasions of back, contused swelling of leg, buttock and wound upper 3rd of right leg with simple fracture of fibula.
Do ..	Do ...	Do	Do	Contused wounds of left heel with Potts' fracture.
Timber mestri, (M. 9,526).	No. 11 stope below the 65th level S., Mc Taggart's Main Winze.	XIX	While fixing a timber, some pieces of rock fell on his hand.	Extensive lacerated wounds of both sides of left wrist, joint opened, extensor tendons cut with compound fracture of carpal bones.
Stuff cooly ...	Drive, 51st level S., No. 1 Incline Shaft.	XIX	While filling a bandy, some pieces of rock fell on him.	Wound of scalp, left thigh, knee joint opened, lower 3rd of right leg and ankle joint opened. Wounds of left wrist and hand.
Handjumper cooly	No. 8 stope below the 57th level N., No. 1 Incline Shaft.	XV	While drilling, some pieces of rock fell on him from above.	Lacerated wound of left knee, joint opened. Wounds of scalp, right forearm, upper third of right leg and contused abrasion of right shoulder.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
15th November...	252	The Mysore Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	20-30	5½	...	1 K.-Chinnappan...	29
26th November...	251	Do ...	13	6	...	1 Seetharaman ...	16
1st December ...	253	Do ...	10-15	3¼	1 P. Ponnan ...	...	37
						1 D. Chinnappan...	39
3rd December ...	255	Do ...	5-30	6½	1 S. Chinnaswami	...	28
9th December ...	265	Do ...	16-45	1¾	...	1 Gangan ...	30
10th December ...	268	Do ...	1-30	2½	...	1 Ramaswami ...	35
13th December ...	270	Do ...	9-50	2 5/6	...	1 V. Perumal ...	30

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Timber cooly ...	No. 52 stope below the 32nd level N., Ribblesdale's Shaft (Reclamation area).	XV	While pushing a bandy, he slipped and fell into a newly started stope.	Contused abrasions of back, both buttocks, right thigh, left knee, wounds of right forearm, dorsum of left hand, right knee, leg and right foot.
Belt boy ...	Timber yard (surface).	XXIII	While resting against a stack of timbers, one of them rolled on his back.	Compressed fracture of 1st and 2nd lumbar vertebrae.
Handjumper cooly	No. 40 stope below the 52nd level S., No. 1 Incline Shaft.	XIII	Through drilling into a socket containing portion of an unexploded charge of explosive.	Multiple wounds of scalp, face, compound depressed fracture of skull (a little brain come out), wounds of left arm, muscles cut, wound of right arm. Died in hospital on 5th December.
Do ...	Do ...	Do	Do ...	Wounds of left eyebrow, upper lip, extensive lacerated wounds of left thigh, muscles cut, multiple wounds all over the body, compound fracture of left pubic bone.
Stuff cooly ...	Drive, 81st level S. from No. 6 Winze below the 80th level N., South Auxiliary Vertical Shaft.	XV	While hoisting stuff, some pieces of rock falling down the winze struck him.	Wounds of right knee, joint opened and lacerated wounds dorsum of foot and right elbow. Died in hospital on 26th April, 1936.
Blackrock cooly...	Chute above the plat, 48th level, Ribblesdale's Auxiliary Main Winze.	XIX	While building a chute, a piece of rock fell on his leg.	Lacerated wounds of lower 3rd of right leg, tendo-achilles partly cut
Stuff cooly ...	Engine Chamber, 51st level, Edgar's Sub-Vertical Shaft.	XIX	While collecting jumpers, a piece of rock fell on his leg.	Lacerated wound of lower 3rd of right leg, tendo-achilles completely cut and tibia slightly chipped off.
Blackrock cooly...	Cage road above the 1,460 ft. level, Rowse's Shaft.	XIX	While breaking a large piece of rock, a chip flew off and struck his leg.	Wound of lower 3rd of left leg with compound fracture of fibula just above the malleolus. Fracture base of internal malleolus.

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AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
14th December ...	269	The Mysore Gold Mine, Bowringpet Taluk, Kolar District.—*concld.*	10-30	3½	...	2 Y. Muniswami ...	35
						and	
						A. Chinnappa ..	25
1st January ...	11	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District.	18	3	...	1 Murugan ...	22
2nd January ...	4	Do ...	12-15	5¼	...	1 Ramaswami ...	45
6th January ...	12	Do ...	18	3	...	1 Kesava Chettiar	35
18th January ...	15	Do ...	12-30	5½	...	1 Veloo ...	25
26th January ...	21	Do ...	20-15	5¼	...	1 P. Iyavoo ...	26
1st February ...	26	Do ...	4	5	...	1 Murugan ...	37
4th February ...	23	Do ...	4-15	5¼	...	1 K. Muniswami ...	22
17th February ...	33	Do ...	13-30	6½	...	1 Kuppan ...	45
19th February ...	32	Do ...	3-45	4¾	...	1 Abdul Khader ...	24

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Road mestri, (M. 12,011).	Sink, 80 feet below the 38th level, North Reclamation Winze.	I	Fall of ground from the hanging wall.	Lacerated wound of right knee, joint opened, wounds of left elbow and right forearm.
Road cooly ...	Do ...	Do	Do ...	Lacerated wound dorsum of left hand, extensor tendons cut, compound fracture of 3rd and 4th metacarpals.
Concreting cooly	Cage road below the 70th level, North Main Winze.	XIX	While fixing a byatt, some mortar fell in his eye.	Eleven days' old traumatic cataract of left eye with complete loss of vision.
Machine cooly ...	Stope below the 68th level N., North Development Winze,	XIX	While drilling, a piece of rock fell on his foot.	Extensive lacerated wounds of dorsum of right foot and ankle.
Machine cooly ...	Stope above the 73rd level S., South Development Winze.	XIX	While drilling, the jumper broke and the machine fell on his leg.	Wound lower 3rd of right leg and above right outer ankle with fracture of internal malleolus.
Concreting cooly	Drive, 78th level N., Heathcote Shaft.	XVII	A wheel of a bandy passed over his foot.	Right 2nd toe crushed and amputated at 1st joint, compound fracture of terminal phalanx of great toe.
Machine cooly ...	Sink, 70 feet below the 78th level, Heathcote Shaft.	XI	A burst of rock	Extensive lacerated wound of right leg, muscles cut and wound dorsum of foot, wounds of right thigh, dorsum of ring finger and wound of left inner ankle.
Concreting cooly	South rill stope above the 72nd level S., South Development Winze.	XIX	While clearing stuff, a piece of rock struck his leg.	Lacerated wound of left heel.
Pumping cooly ...	No. 4 slimes collecting tank—Cyanide Plant (surface).	XXIII	He overbalanced from the top of a collector vat and fell about 12 feet to the ground.	Concussion and cerebral irritation of brain with fracture of pelvis.
Handjumper cooly	Stope below the 40th level S., Glen's Secondary Shaft.	XIX	While drilling, a piece of rock fell on his knee.	Wound of right knee, joint opened.
Stuff cooly ...	Drive, 69th level S., Carmichael's Secondary Shaft.	XVII	While pushing a bandy of quartz, he slipped and fell on the tram line.	Simple fracture of outer 3rd of left clavicle.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
20th February ...	35	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	22-30	7½	...	1 Chinnapian ...	30
26th February ...	48	Do ...	13-30	6½	...	1 V. Krishna ...	35
27th February ...	40	Do ...	10-45	3¾	...	2 Murugase ...	24
						and	
	...		...	...	...	S. Anthony ...	28
8th March ...	49	Do ...	18-30	3½	...	1 Thulukanam ...	20
8th March ...	53	Do	18-30	3½	...	1 Basappa ...	35
10th March ...	54	Do ...	16-30	1½	...	1 S. Chadayan ...	40
12th March ...	52	Do ...	20-30	5½	...	1 Manickam ...	25
26th March ...	63	Do ...	5	6	...	1 Venkatiah ...	27
27th March ...	67	Do ...	9	2	...	1 Gopal ...	23
28th March ...	64	Do ...	21-30	6½	...	1 M. Mochey ...	24

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Handjumper cooly	Stope below the 2nd level, Old Carmichael's Shaft.	XIII	Through drilling into a socket containing a small quantity of explosives.	Hand crushed and amputated at the wrist, peppered wounds of chest-wall and lower extremities.
Timber mestri, (M. 12,955).	Bucket-road, 10 feet above No 2 level, North Pit, Old Carmichael's Shaft.	XIX	While fixing a timber, he slipped and fell about 6 feet.	Contused abrasion lower part of back.
Timber cooly ...	Drive, 21st level S., Tennant's Shaft.	XIX	While at work in the level, some pieces of loose rock fell on them.	Simple fracture middle of left femur and wound upper third of left leg.
Do ...	Do ...	Do	Do	Extensive lacerated wound dorsum of right foot, wounds of right knee, lower 3rd of left thigh and upper 3rd of left leg.
Timber cooly ...	South rill stope above the 72nd level S., North Main Winze.	XIX	While building a packwall, a piece of rock fell on his leg.	Wound of left leg, tendo-achilles completely cut.
Concreting cooly	Stope below the 76th level S., South Development Winze.	XIX	While clearing stuff, he slipped and fell about 5 feet.	Contusion of middle of back, wound of right elbow, ulcer of right ring finger. Also compression fracture of 7th dorsal vertebra.
Trammer ...	Tramline, picking floor yard (surface).	XXII	A wheel of a bandy ran over his foot.	Five days' old neglected septic wound of dorsum of left foot and last three toes with cellulitis and gangrene of last toe.
Stuff cooly ...	Drive, 69th level N., Carmichael's Secondary Shaft.	XVII	While pulling a bandy, his leg was caught under its frame.	Compound fracture of both bones, middle of left leg and wound of right leg.
Machine cooly ...	No. 1 winze below the 79th level S., South Development Winze.	XV	While drilling, a piece of rock fell on his head.	Lacerated wound of scalp with fracture of skull
Machine cooly ...	Stope above the 77th level N., South Development Winze.	XIX	While clearing stuff, a piece of rock fell on his knee.	Lacerated wound of left knee.
Concreting cooly	Stope above the 78th level N., South Development Winze.	XIX	While clearing stuff, a piece of rock fell on his arm.	Lacerated wound of left forearm, muscles cut.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
1st April ...	71	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar Distirct—*contd.*	4	5	...	1 Annamalay ...	28
12th April ...	76	Do ...	19	4	...	1 Krishtan ...	28
13th April ...	73	Do ...	12-15	¼	...	1 Raman ...	30
16th April ...	75	Do ...	10-30	3½	...	1 Kannee ...	17
16th April ...	74	Do ...	15-40	7⅔	...	1 Ponnan ...	45
17th April ...	78	Do ...	8	1	...	1 T. Govindan ...	55
22nd April ...	82	Do ...	17-30	2½	1 Chinnappa ...	...	32
23rd April ...	77	Do ...	14	7	...	1 K. Chathoo ...	40
28th April ...	83	Do ...	23-30	½	...	1 Nagalan ...	28

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Stuff cooly ...	Drive, 700 ft. level N., Tennant's Shaft.	XVII	While pulling a bandy at the points, he slipped and was caught between the bandy and some pipes.	Contused abrasions of right hip and lower part of chest-wall and fracture of pelvis.
Blaster (M. 11,705 B. 7,964).	Stope above the 76th level S., South Development Winze.	XIX	While clearing down loose, a piece of rock fell on his foot.	Contused abrasions of dorsum and lacerated wound of inner side of left foot.
Machine mestri, (M. 13,629—B. 8,886).	Crosscut west, 80th level, South Development Winze.	XI	A burst of rock	Extensive lacerated wound of right side of face with compound comminuted fracture of mandible with wounds of neck, upper part of back, left wrist, middle of right leg and last toe.
Concreting cooly	Drive, 75th level S., South Development Winze.	XVII	His arm was caught between a moving bandy and a side of the level.	Simple fracture of lower 3rd of right radius.
Trammer ...	Tramline in the quartz yard (surface).	XXII	While pushing a bandy, another from behind struck his leg.	Compound fracture of lower end of right fibula.
Machine mestri, (M. 10,358—B. 7,149).	Plat, 76th level, North Main Winze.	XIX	While barring down loose rock, a piece of stone fell on him.	Contusion of left hip, wounds of right arm and left forearm and impacted fracture of neck of left femur.
Machine cooly ...	North stope above the 75th level S., South Development Winze.	III	While drilling a hole, some pieces of quartz from the working face fell on him.	Contusion of back, punctured wound of left side of abdominal wall, wound of chin, chest and left thigh. Died in hospital on 1st May due to traumatic pneumonia.
Machine mestri. (M. 14,312).	Stope above the 76th level S., South Development Winze.	XIX	While starting a hole, a piece of quartz fell on his knee.	Wound of left knee, joint opened.
Machine cooly ...	Winze (on west reef) below the 76th level N., North Main Winze.	XIX	While clearing stuff in the sink, a piece of quartz fell on his hand.	Extensive lacerated wound of dorsum and palm of left hand with compound fracture of 1st metacarpal, muscles and tendons cut.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
1st May ...	84	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	7-40	⅔	...	1 O. Papa ...	38
2nd May ...	88	Do ...	6	7	...	1 Ponnan ...	33
8th May ...	103	Do ...	12-40	5⅔	...	1 Chinnakolanday	21
10th May ...	104	Do ...	8-30	1½	...	1 Kannyappan ..	21
14th May ...	97	Do ...	9-30	2½	...	1 Annamalay ...	25
14th May ...	99	Do ...	21-30	6½	...	1 Maury ...	40
29th May ...	123	Do ...	4	5	...	1 Arokiaswami ...	30
30th May ...	117	Do ...	10-15	3¼	...	1 Ganesan ..	21
30th May ...	124	Do ...	12-30	5½	...	1 Munirathnam ...	23
3rd June ...	127	Do ...	18	3	..	1 V. Chinnaswami	25

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Trammer ...	Quartz yard, Picking Floor (surface).	XXIII	While lowering an empty truck in the cage, it ran out and fell on him.	Extensive lacerated wound of upper 3rd of right thigh, muscles injured. Wound of scalp and abrasion of dorsum of right hand with simple fracture of last two metacarpals.
Machine cooly ...	No. 1 winze, 79th level N., South Development Winze.	XIX	While drilling a hole, a stone fell on his knee.	Wound of left knee, joint opened.
Concreting cooly	Stope above the 70th level N., South Development Winze.	XIX	While mixing concrete, some pieces of rock fell on his leg.	Extensive lacerated wound of dorsum and sole of left foot with 4th toe crushed and amputated and compound fracture of middle phalanx of last toe and wound of lower 3rd of leg.
Concreting cooly	Drive, 76th level S., South Development Winze.	XIX	While lifting a piece of rock, it broke and fell on his foot.	Contused swelling of dorsum of foot and lacerated wounds of left 3rd and 4th toes and sole of foot.
Machine cooly ...	Stope above the 78th level S., South Development Winze.	XIX	While at work in the stope, a piece of rock fell on his knee.	Lacerated wound of left knee, joint opened.
Stuff cooly ...	Drive, 23rd level S., Tennant's Shaft.	XVII	While lifting up a derailed bandy, his hand was caught between it and a side of the level.	Colles' fracture, left.
Machine cooly ...	No. 2 winze below the 78th level S., South Development Winze.	XIX	While starting a hole, a small chip of rock flew into his eye.	One day old corneal ulcer of right eye.
Stuff cooly ...	Rill stope above the 71st level S., South Development Winze.	XIX	While pulling down filling, a piece of rock struck his foot.	Lacerated wound of dorsum of left foot with compound comminuted fracture of 1st metatarsal.
Machine cooly ...	Drive, 77th level S., South Development Winze.	XIX	While filling a bandy, a piece of rock fell on his leg.	Compound fracture of left metatarsal and wound of leg.
Timber cooly ...	Rill stope above the 73rd-level S., North Main Winze.	XI	A burst of quartz	Wounds of upper 3rd right leg, knee, elbow and contused wound of left side of back.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
6th June ...	129	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	13	6	...	1 Duraiswami ...	35
13th June ...	130	Do ...	1	2	1 Vadivelu ...	...	24
14th June ...	131	Do ...	8	1	1 Kannan ...	...	25
26th June ...	144	Do ...	19–56	4 $^{14}/_{15}$	3 Chinna Nayagam	...	35
					Abdul Sattar ...	...	25
					and		
					Syed Abdulla ...	...	26
						2 M. Kuppuswami	25
						and	
						Muniswami ...	30

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Timber cooly ...	Shaft crosscut W., 23rd level, Tennant's Shaft.	II	Fall of rock from the back of the cross-cut.	Wound of scalp, left eye brow, face, knuckle of index finger with tendon cut and metacarpo-phalangeal joint opened, wounds of left thigh, knee, dorsum of foot and contused abrasion of back. Fracture of 8th, 9th and 10th ribs of left side.
Timber cooly ...	Winze below the 51st level S., Glen's Secondary Shaft.	XV	While attempting to reach the bucket-road from the top of a wall in the winze, he slipped and fell down it, a distance of about 80 feet.	Wounds of scalp with fracture of base of skull and wounds of face and left inner ankle. Died in hospital the same day.
Concreting cooly	Cage road above the 72nd level, North Main Winze.	VIII	While riding in the cage, he was thrown out into the shaft and was killed.	Fracture of skull, right leg and right arm mutilated and multiple wounds all over the body.
Machine cooly ...	Rill stope above the 72nd level S., North Main Winze.	XI	A very heavy rockburst ...	Head jammed, body bloated and highly decomposed, several injuries all over the body. Brought up to surface at 12-20 hours on 28th June.
Do ...	Do ...	Do	Do	Head jammed, body bloated and highly decomposed, several injuries all over the body. Brought up to surface at 13-45 hours on 28th June.
Do ...	Do ...	Do	Do	Head jammed, body bloated and highly decomposed, several injuries all over the body. Brought up to surface at 19-30 hours on 30th June.
Packwall cooly ...	Do ...	Do	Do	Simple fracture of both bones upper 3rd of left leg with contused swelling and wound lower 3rd of right thigh and upper 3rd leg.
Concreting cooly	Rill stope above the 73rd level S., North Main Winze.	Do	Do	Wounds of both knees with right knee-joint opened.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
7th July ...	152	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	21-30	6½	...	1 Subbiah ...	30
25th July ...	157	Do ...	2-45	3¾	1 C. Venkataswami	...	40
30th July ...	166	Do ...	5-20	6⅓	...	1 Devasagayam ...	30
3rd August ...	165	Do ...	20	5	...	1 Kondiah	22
8th August ...	167	Do ...	1-30	2½	1 Ramaswami ...	...	25
12th August ...	194	Do ...	1	2	...	1 Chinnappan ...	25
14th August ...	170	Do ...	19	4	...	1 Gnanapragasam	24
21st August ...	175	Do ...	12-30	5½	...	1 Kesavan ...	21
25th August ...	177	Do ...	17	2	...	1 Thoppay ...	35

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Machine cooly ...	Stope above the 75th level S., South Development Winze.	XI	A burst of quartz	Deep wound of right knee, wounds of right elbow, middle of thigh, lower third of leg and contusion of chest-wall.
Machine cooly ...	Stope above the 75th level S., South Development Winze.	XI	A burst of rock	Fracture of neck, deep wounds above and below left knee and internal injuries.
Machine cooly ...	Footwall drive, 80th level S., South Development Winze.	XIX	While unrigging the bar, a piece of rock fell on his foot.	Wound between right 4th and 5th toes and dorsum of 5th toe and septic ulcers of leg. The 4th right toe has become gangrenous.
Machine cooly ...	Incline Winze below the 77th level, North Section.	XIX	While starting a hole, a chip of rock flew into his eye.	One day old wound of left cornea with traumatic cataract.
Concreting cooly	Stope above the 75th level S., South Development Winze.	XIX	While clearing broken quartz, a piece of rock fell on his leg.	Extensive lacerated wound in front of right ankle artery, tendons cut and joint opened. Died in hospital of pneumonia on 23rd October.
Machine cooly ...	Stope above the 75th level N., South Development Winze.	XI	A burst of quartz	Contused abrasion back of right shoulder, elbow, contusion over left scapula and wound of arm.
Timber cooly ...	Drive, 52nd level S., Glen's Secondary Shaft.	XIX	While clearing stuff, a piece of rock fell on his hand.	Compound fracture lower 3rd of both bones of left forearm.
Packwall cooly ...	Stope below the 70th level S., South Development Winze.	XI	A burst of rock	Lacerated wound of left knee, joint opened, wounds dorsum of left hand, upper third of right leg, outer ankle and lower lip.
Stuff cooly ...	Stope above the 75th level S., South Development Winze.	II	Fall of ground from the footwall ...	Compound fracture middle of both bones of left leg and compound fracture dista phalanx of great toe.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
28th August ...	182	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	17—45	2¾	...	1 Rangaswami ...	45
6th September ...	189	Do ...	13–15	6¼	...	2 Narayana ...	30
						and	
						Hanumappa ...	28
7th September ...	191	Do .	22–30	7½	...	1 P. Balasundaram	42
10th September...	193	Do ...	10–30	3½	...	1 C. Soosay ...	35
13th September..	214	Do ...	5	6	...	1 Nadesan ...	23
25th September...	208	Do ...	16–30	1½	...	1 Nagan, *alias* Nagappan	36
25th September. .	206	Do ...	17	2	...	1 Chinnappan ...	21
2nd October ...	209	Do ...	12	5	...	1 V. Perumal ...	24

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Hoisting cooly ...	Drive, 70th level S., North Main Winze.	XVII	While resting in the level, a wheel of a bandy ran over his foot.	Extensive lacerated wound of sole of right foot, contused abrasion dorsum of foot and compound fracture of right great toe
Handjumper cooly	Stope below the 300 ft. level N., Old Carmichael's Shaft.	XIII	Attempted to deepen a socket containing a small quantity of explosives.	Left hand crushed and amputated, foreign bodies in both eyes, peppered wounds of face and chest-wall.
Do ...	Do ...	Do	Do	Compound depressed fracture of skull (left temporal region), wounds and foreign bodies in right eye, left eye burst, wounds of face, peppered wounds of both forearms.
Machine mestri, (M. 9,304—B. 6,684).	Stope below the 70th level N., west reef, North Section.	XI	A burst of quartz	Deep wound upper third of left forearm, muscles and nerves cut and wound dorsum of index finger.
Shaft mestri, (M. 10,523—B. 7,240).	Skip road below the 380 ft. level, Dalyell's Shaft.	X	While at work in the shaft, a plank fell on him.	Contused abrasion lower part of back, buttocks, both forearms and left index finger.
Concreting cooly	Stope above the 77th level N., South Development Winze.	XIX	While cleaning down quartz, a piece of rock fell on his hand.	Lacerated wounds middle of right and left forearms, flexor muscles of former and extensor muscles of latter cut.
Blaster (M. 13,131—B. 8,685).	Plat, 80th level, South Development Winze.	XIX	Owing to the sudden ignition of some acetylene gas, his clothing caught fire.	Burns of face, chest-wall, both forearms, thighs and legs.
Machine cooly ...	Rill stope above the 73rd level S., North Main Winze.	XIX	While drilling a hole, a piece of rock fell on his leg.	Wound lower 3rd of right leg, tendo-achilles completely cut.
Machine cooly ...	Drive, 71st level S., North Main Winze.	XI	A rockburst	Extensive lacerated wound lower third of left leg with compound fracture of tibia, muscles cut, lacerated wound of left knee, dorsum of foot and wounds lower third of right forearm, middle finger and left little finger.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
4th October ...	212	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District— *contd.*	10-30	3½	...	1 Kauly ...	33
8th October ...	222	Do ...	17-30	2½	...	1 Karathan ...	24
10th October ...	224	Do ...	3	6	...	1 Chokkalingam ...	40
13th October ...	219	Do ...	9-30	2½	...	1 Chinnappan ...	23
14th October ...	221	Do ...	21	5	...	1 C. Pennan ...	35
17th October ...	226	Do ...	5-30	6½	...	1 Chinnaswami ...	18
23rd October ...	237	Do ...	8	1	...	1 Chinnappan ..	23
24th October ...	229	Do ...	3	4	...	1 Gungan ...	28
3rd November ...	232	Do ...	11	4	...	1 C. Raman ...	24

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Machine cooly ...	Footwall drive, 80th level S., Heathcote Shaft.	XI	A burst of rock	Lacerated wound lower 3rd of right leg, peronial tendons cut and external malleolus chipped, wound of right thigh.
Road cooly ...	Drive, 70th level S., North Main Winze.	XIX	While lifting a girder, it slipped and fell on his foot.	Contused lacerated wounds of dorsum of left foot.
Stuff mestri, (M. 9,768—B. 6.871).	Drive, 23rd level S., Tennant's Shaft.	XVII	Owing to the derailment of a bandy, his feet were struck by a wheel.	Compound fracture of left great toe with lacerated wound sole of foot, wounds of tips of 2nd, 3rd and 4th toes, contused abrasion dorsum of right foot and wound of great toe, nail off.
Stuff cooly ...	Drive, 71st level S., South Development Winze.	XVII	Owing to derailment of the bandy, his hand was caught between it and an air pipe.	Right middle and ring fingers crushed, middle one amputated at the end of its joint and ring at metacarpo-phalangial joint and wounds of index and little fingers.
Timber mestri, (M. 13,362).	Stope below the 800 ft. level N., Tennant's Shaft.	XIX	While cutting a hitch, a chip of rock flew into his eye.	One day old corneal ulcer of right eye.
Trammer ...	Tramline near Gifford's Ore Bin, (surface).	XXII	His hand was caught between two bandies.	Simple fracture lower end of left radius.
Pipe cooly ...	Plat, 76th level, North Main Winze.	XIX	While fixing an air pipe, a piece of rock fell on his foot.	Lacerated wound dorsum of left foot, muscles and tendons cut.
Timber cooly ...	Drive, 74th level S., North Main Winze.	XVII	Run over by a bandy	Extensive lacerated wound, dorsum and sole of left foot with compound comminuted fracture of the 1st metatarsal and wounds of right great and second toes, nails off.
Machine cooly ..	No. 5 winze below the the 76th level S., South Development Winze.	II	Fall of ground from the footwall ...	Fracture base of skull, wounds of forehead, right elbow, knee, extensive lacerated, wounds of right-ankle, dorsum of foot with compound fracture lower end of fibula.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
4th November ...	239	The Champion Reef Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	19-30	4½	...	1 T. Kuppan ...	21
9th November ...	240	Do ...	12-10	5⅙	1 Muthan ...	.....	50
16th November...	246	Do ...	12	5	1 Khader Hussain	.....	40
18th November...	247	Do ...	14-15	7¼	...	1 V. Muniswami ...	35
21st November...	249	Do ...	2	3	...	1 Rangan ...	45
22nd November...	250	Do ...	11	4	...	1 Jayaram ...	30
30th November...	257	Do ...	11	4	...	1 Venkataswami ...	42
5th December ...	259	Do ...	5	6	...	1 S. Chinnian ...	55
8th December ...	262	Do ...	19-30	4½	...	1 Muniswami ...	22
13th December ...	267	Do ...	13-15	6¼	1 Ponnan ...	...	30
23rd December ...	276	Do —*concld*...	12	5	...	1 Joseph ...	30

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Concreting cooly	Stope below the 73rd level S., South Development Winze.	XIX	While mixing concrete, some slush flew into his eye.	Wound of left cornea with hypopion.
Road cooly ...	Cage road at the 22nd level, Tennant's Shaft.	XIX	While removing a timber, a piece of rock fell on him.	Deep lacerated wound of left buttock, gluteal muscles injured with fracture of sacrum. Died in hospital on 17th November.
Timber mestri, (M. 11,561—B. 7,858).	Drive 51st level S., Glen's Secondary Shaft.	XIX	Collapse of level	Contused abrasions of right chest-wall and back with fracture of upper ribs and surgical emphysema. Died in hospital the same day.
Machine cooly ...	Stope below the 76th level, N., South Development Winze.	XI	A burst of quartz ...	Lacerated wound middle 3rd of right forearm, ulnar arteries flexor muscles, tendons and medium nerve cut, and ulnar nerve very slightly injured.
Machine mestri (M 12,190)	Sink of No. 1 winze below the 80th level S., South Development Winze.	XIX	While drilling, a piece of rock fell on his knee.	Wound of right knee, joint opened.
Stuff cooly ...	Rill stope above the 72nd level S., South Development Winze.	XI	A rockburst	Multiple wounds all over the body and lacerated wound of right knee.
Carpenter ...	Bazaar Hut, No. 1 Block (surface.)	XXIII	He fell from the roof of a hut ...	Fracture of 12th dorsal vertebra.
Stuff mestri (M. 2,627-B. 251).	Drive, 72nd level S., North Main Winze	XIX	While filling a bandy at a chute, a piece of rock rolled down and fell on his hand.	Colles' fracture, left.
Packwall cooly ...	Stope above the 75th level S., South Development Winze.	XIX	While building a packwall, a piece of rock fell on his knee.	Lacerated wound of left knee, joint opened.
Timber cooly ...	No. 1 winze on the Main Reef, 76th level N., North Main Winze.	XV	While climbing up by ladder, he slipped or lost his hold and fell 15 feet.	Concussion of brain and wound of left forearm, muscles slightly cut, cerebral compresion following head injuries. Died in hospital on 14th December.
Machine cooly ...	No. 1 winze, 80th level S., South Development Winze.	XI	A burst of rock	Wound of left knee, joint opened and quadriceps femoris tendon cut.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed *(All males unless otherwise stated)*	Names and Number of Persons injured *(All males unless otherwise stated)*	Reputed Age
7th January ...	9	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District.	11-30	4½	...	1 Thamboo ..	40
12th January ...	17	Do ...	12	5	...	1 V. Ellan ...	26
12th January ...	7	Do ...	15-45	¾	...	1 M. Nanjappa ...	30
14th January ...	8	Do ...	11-30	4½	...	2 Moideen Kutty...	45
						and	
						Kunjahmed ...	29
14th January ...	10	Do ...	16-20	1⅓	...	1 Chellamuthoo ...	55
19th January ...	18	Do ...	14	7	...	1 M. Palayam ...	27
14th February ...	28	Do ...	15-30	8½	1 M. Yellan ...	...	35
15th February ...	29	Do ...	23	2	...	1 C. Raman ...	38

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Machine cooly ...	Drive, west reef, 76th level N., Bullen's Incline Shaft.	XIX	While drilling, some pieces of loose rock fell on him.	Wounds of lower lip, right elbow, right hip, left forearm, lower 3rd of right leg, contused wounds of inner and outer ankle, contused abrasion of back, chest wall and left thigh, fracture of 3rd right fibula.
Cage-road cooly...	Skip road above the 50th level, Oakley's Incline Shaft.	XIX	While tightening a studdle, his hand was caught between it and a wall plate	Left middle, ring and little fingers crushed and amputated and lacerated wound of index finger.
Stuff cooly ...	Quartz chute below the 79th level, Bullen's Incline Shaft.	X	He was struck by a concrete block which was accidentally dropped from above.	Simple fracture outer 3rd of right clavicle and abrasions of shoulder and arm and contusion of right thigh.
Handjumper mestri (M. 14, 103-B. 9,097).	Stope below the 68th level N., Auxiliary Shaft.	XIII	Through intersecting a socket containing a small quantity of an unexploded charge of blasting gelatine.	Peppered wounds of face, neck, chest-walls both arms, hands and legs. Foreign body in both eyes with penetrating wounds into the left eye with prolapse of iris and haemorrhage into the anterior chamber.
Handjumper cooly	Do ...	Do	Do	Peppered wounds of face, neck, chest-wall, right arm and foreign bodies in both eyes.
Lander ...	Top of Bullen's Shaft (surface.)	IV	Owing to overwinding, a piece of rock from a self dumping skip fell down and struck his arm.	Lacerated wound with compound fracture of lower 3rd of left radius.
Stuff cooly ...	Drive, 80th level N., Bullen's Incline Shaft	XIX	While clearing stuff, a piece of rock fell on his foot.	Contused lacerated wound of dorsum of left foot, bone chipped.
Handjumper cooly	Stope below the 72nd level N., Bullen's Incline Shaft.	XI	A rockburst	Compound fracture of left leg and multiple injuries all over the body.
Machine mestri (M. 9,676).	Stope below the 72nd level S., Bullen's Incline Shaft.	XIX	While cleaning the working face, a piece of rock fell on his knee.	Punctured wound of right knee, joint opened.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
20th February ...	34	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	8-30	1½	...	1 P. Muthan ...	35
22nd February ...	37	Do ...	17-30	2½	...	2 N. Ramaswami	38
						and	
						P. Raman Nair ...	28
12th March ...	50	Do ...	7-45	¾	...	1 A. Annamalai ...	30
21st March ...	56	Do ...	9-45	2¾	...	1 Rajee ...	28
29th March ...	61	Do ...	2	4	...	1 Kutty Krishna Nair	25
7th April ...	62	Do ...	8-30	1½	1 D. Perumal ...	...	32
12th April ...	70	Do ...	15-30	7½	...	1 V. Annamalai ...	35
20th April ...	79	Do ...	21-30	6½	...	1 A. Perumal ...	40
21st April ...	86	Do ...	10	3	...	1 V. Ponnuswami	22
5th May ...	91	Do ...	20	5	...	1 P. Chinnapian ...	45

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Stuff cooly ...	Drive, 25th level N., Oakley's Incline Shaft.	XIX	While pushing a bandy, his leg slipped through the covering of a ventilation winze.	Compound fracture middle of left thigh and wound middle of left leg.
Machine cooly ...	Sink, 70 feet below the 81st level, Auxiliary Shaft.	XI	A burst of rock	Lacerated wound over left tendo-achilles, tendon completely cut and wounds behind right outer ankle and upper 3rd of leg.
Do ...	Do ...	Do	Do	Lacerated wound over left tendo-achilles, tendon injured and wounds of lower 3rd of right leg.
Timber cooly	Timberyard near Oakley's Shaft (surface).	XXIII	While lifting a timber on to his shoulder, his foot slipped causing the timber to strike him.	Simple fracture outer 3rd of left clavicle.
Timber cooly ...	Drive, 68th level N., Auxiliary Shaft.	XIX	While fixing a steel set, a piece of rock fell on his leg.	Lacerated wound lower 3rd of right leg, tendo-achilles completely cut.
Machine cooly ...	Sink of No. 6a winze below the 79th level S., Auxiliary Shaft.	XV	While hoisting stuff from the sink, some pieces of rock dropped on him.	Compound depressed fracture of skull, deep wounds of right side of neck.
Timber cooly ...	Stope below the 70th level N., Bullen's Incline Shaft.	XI	A rockburst	Compound depressed fracture of skull, compound fracture of upper 3rd of left leg and multiple wounds all over body. Died in hospital the same day.
Tramming cooly	Tramline near Oakley's Shaft (surface).	XXII	A bandy he was pushing derailed resulting in his foot being caught under it.	Extensive lacerated wound, dorsum of right foot with compound fracture of all the five metatarsals.
Machine mestri (M. 14,130).	Shaft crosscut, 81st level, Auxiliary Shaft.	XIX	While drilling, a piece of rock fell on his hand.	Right middle and ring fingers crushed and amputated at the ends of first joints.
Timber cooly ...	Drive, 70th level S., Bullen's Incline Shaft.	XIX	While stacking granite stones, one of them dropped on his hand.	Compound fracture of right index finger.
Stuff cooly ...	Tramline, shaft crosscut, 58th level, Auxiliary Shaft.	XVII	A wheel of a bandy passed over his foot.	Left last 3 toes crushed and amputated.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
8th May ...	100	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	7-30	8½	...	1 N. Venkataswami	45
29th May ...	113	Do ...	4-30	5½	...	1 V. Chinnaswami	44
31st May ...	145	Do ...	9	2	...	1 Seenappa ...	30
1st June ...	118	Do ...	14	7	...	1 Pokoo ...	25
14th June ...	134	Do ...	15-30	½	...	1 Dhasee ...	25
17th June ...	139	Do ...	1-30	2½	...	1 B. Arokiaswami	28
17th June ...	146	Do ...	23-20	⅓	...	1 Perumal Reddy	35
18th June ...	132	Do ...	12	5	1 Thangal Masila	...	17
28th June ...	143	Do ...	10	3	...	1 P. Abdulla ...	35
1st July ...	147	Do ...	9	2	1 M. Muniswami ...	...	32
17th July ...	162	Do ...	10 45	3¾	...	1 G. Periaswami	28
19th July ...	163	Do ...	14-30	7½	...	1 Kumaran Nair	30
27th July ...	161	Do ...	12-15	1¼	...	1 M. Kauly ...	40

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Blaster cooly ...	Drive, 78th level N., Auxiliary Shaft.	XIX	While cleaning stuff, a piece of rock fell on his leg.	Right tendo-achilles partly cut.
Winch driver ...	Top of No. 2 winze, 79th level S., Bullen's Incline Shaft.	XIX	His hand was caught between the bucket and the sheave wheel.	Lacerated wound of left forearm, flexor muscles cut.
Cooly ...	Mr. Bate's Bungalow (surface).	XXIII	While demolishing a parapet wall, the crowbar slipped and fell on his foot.	Lacerated wound dorsum and sole of left foot.
Handjumper cooly	Stope below the 67th level N., Auxiliary Shaft.	XIX	While drilling, a piece of rock fell on his back.	Extensive lacerated wound of left side of back, muscles cut.
Stuff cooly ...	Plat, 52nd level, Oakley's Incline Shaft.	XIX	While stepping out from the top deck of the cage, he sustained a strain.	Hernia due to an accident.
Concreting cooly.	No. 2 winze, 81st level, Bullen's Incline Shaft.	XIX	While unloading concrete blocks, one of them fell on his foot.	Right great toe crushed and amputated.
Tube Mill Pebble cooly.	Tramline, Tube Mill House (surface).	XXII	While sorting pebbles, a wheel of a bandy passed and grazed his foot.	Wound below right outer ankle and heel.
Tramming cooly	Tramline, Quartz yard, Oakley's Shaft (surface).	XXIII	He was crushed under a descending bandy cradle.	Fracture of skull and broken spine.
Handjumper foreman (M. 11,005–B. 7475).	No. 1 stope below the 26th level N., Oakley's Incline Shaft.	XIX	While taking down loose, a small chip of rock flew into his eye.	Wounds of left upper and lower eye-lids with contused abrasion of eye and hæmorrhage into the anterior chamber.
Stuff cooly ...	No. 2 winze below the 79th level S., Bullen's Incline Shaft.	XV	He was struck by a piece of rock which fell down the winze.	Lacerated wound of scalp and concussion of brain. Died in hospital on 2nd July.
Handjumper cooly	Stope above the 70th level S., Bullen's Incline Shaft.	XIX	While drilling, a piece of rock dropped on his foot.	Extensive lacerated wound dorsum of left foot.
Machine cooly ...	Plat, 79th level, Auxiliary Shaft.	XIX	While in the act of decking a quartz bandy, the cage was suddenly hoisted causing the bandy to capsize, resulting in its contents falling on him.	Wounds of forehead below right eye, nose, left elbow, contused abrasion both lower extremities.
Cage-road cooly. (M. 13,295).	Footwall chute above the 48th level, Bullen's Incline Shaft.	XIX	While a skip was being dumped, some pieces of rock fell on his leg.	Extensive lacerated wound lower 3rd of left leg, muscles cut, compound fracture of lower end of fibula and lacerated wound below left inner ankle.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
14th August ...	174	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	16-15	$1\frac{1}{4}$	...	1 V. Ellan ...	45
16th August ...	172	Do ...	21-30	$6\frac{1}{2}$	1 P. Madhava Nair	...	30
21st August ...	173	Do ...	0-30	$1\frac{1}{2}$	...	1 Arunachalam ...	25
25th August ...	184	Do ...	10-15	$3\frac{1}{4}$	...	1 T. Karian ...	40
30th August ...	210	Do ...	9-40	$2\frac{2}{3}$	...	1 V. Mohamed ...	20
3rd September ...	183	Do ...	10-45	$3\frac{3}{4}$	...	1 Ali ...	32
6th September ...	185	Do ...	9-30	$2\frac{1}{2}$	1 P. Ahmad ...	...	42
7th September ...	186	Do ...	4	5	1 W. Muthan ...	...	32
						1 Chinna Abboo ...	45

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Machine cooly ...	Sink, 80 feet below the 82nd level, Auxiliary shaft.	XI	A burst of rock ...	Contused wound lower 3rd of right leg over tendo-achilles and heel.
Machine mestri, (M. 14,097—B. 9,095).	Drive, 80th level N., Bullen's Incline Shaft.	XIX	General debility and exhaustion resulting from working in a hot place.	Died in hospital on 17th August.
Stuff cooly ...	Drive, 58th level S., Auxiliary shaft.	XVII	He was struck by the edge of a moving bandy.	Simple fracture of left clavicle.
Road cooly ...	Cage road, 30 feet below the 82nd level, Bullen's Incline Shaft.	XIX	While working in the shaft, he inadvertently came in contact with a live wire.	Electric burns of left palm and lower 3rd of forearm and shock.
Machine cooly ...	Stope below the 72nd level N., Auxiliary Shaft.	XIX	While at work in the stope, a piece of rock fell on his foot.	Lacerated wound of dorsum and sole of left foot with compound fracture of 5th metatarsal.
Handjumper cooly	No. 50 stope below the 67th level N., Auxiliary Shaft.	XIX	While clearing stuff, a piece of rock fell on his leg.	Lacerated wound of left tendo-achilles, tendon completely cut.
Machine mestri, (M. 12,635—B. 8,421).	Stope below the 77th level S., Auxiliary Shaft.	XIII	Due to explosion of an old hole containing a portion of the previous charge of explosives.	Left leg smashed and amputated, wound of scalp, foreign bodies in both eyes, peppered wounds of face, right forearm and right lower extremity. Died in hospital the same day.
Machine cooly ...	Sink, 102 feet below the 82nd level, Auxiliary Shaft.	XI	A rockburst ...	Extensive lacerated wound upper 3rd of right leg with compound fracture of fibula with muscles cut, right thigh muscles injured and middle of left thigh, wounds of forehead, front of chest wall and lower 3rd of left forearm and simple fracture middle third of left humerus. Died in hospital the same day.
Do ...	Do ...	Do	Do ...	Wounds of forehead, both forearms, middle of right thigh with muscles cut, wounds of both legs and contusion of back.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
12th September...	202	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	13-20	6⅓	...	1 Periappan ...	30
17th September...	198	Do ...	9-30	2½	...	1 T. Arumugam ...	21
18th September..	199	Do ...	4-15	5¼	1 Krishnaswami ...	...	25
18th September...	204	Do ...	11-45	4¾	...	1 Ponnuswami ...	30
20th September...	203	Do ...	21-45	6¾	1 K. Krishnan ...	...	40
27th September...	213	Do ...	19-30	4½	...	1 T. Appaswami ...	38
8th October ...	227	Do ...	12	5	...	1 A. Abdulla ...	20
12th October ...	216	Do ...	17-30	2½	...	1 V. Chinnaswami	48
25th October ...	228	Do ...	1-20	6⅓	1 C. Manickam ...	...	35
6th November ...	234	Do ...	5	6	...	1 G. Jacob *alias* Katpadi Murugan	45
17th November...	244	Do ...	1-5	8 1/12	...	1 Seetharam ...	16
18th November...	245	Do ...	8-30	1½	1 Padmanabha Nair	...	26

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Cooly ...	Fitting shop yard (surface).	XXIII	A rail fell on his foot ...	Comminuted fracture of terminal phalanx of left great toe.
Stuff cooly ...	Drive, 55th level N., Oakley's No 2 Vertical Shaft.	XIX	While pushing a bandy, his leg slipped through a gap in the grizzly over a ventilation winze.	Compound fracture upper 3rd both bones of right leg.
Shaft cooly ...	Cage road below the 64th level, Auxiliary Shaft.	VIII	Fall in shaft ...	Head completely smashed and severed.
Gang cooly ...	Compressor House, Balaghat Mine (surface).	XXIII	While shifting an electric motor with the help of a pole, the latter slipped and fell on his right ankle.	Wound of right heel and contused swelling of ankle with fractures of internal and external malleoli.
Stuff cooly ...	Drive, 78th level S., Auxiliary Shaft.	XIX	While clearing stuff, a piece of rock fell on his leg.	Lacerated wound lower third of left leg, tendo-achilles completely cut. Died in hospital on 20th February 1936.
Machine cooly ...	No. 1 A. winze below the 78th level S., Bullen's Incline Shaft.	XIX	While drilling a hole, some slush flew into his eye.	Wound of right eye with posterious syneachia.
Handjumper cooly	No. 12 stope below the 56th level S., Bullen's Incline Shaft.	XIX	While drilling a hole, a piece of rock fell on his arm.	Wound of right elbow, joint opened.
Concreting cooly	Sink, No. 6 winze below the 81st level S., Auxiliary Shaft.	XIX	While at work in the sink, a piece of rock fell on his arm.	Lacerated tendons, ulna artery and ulna nerve right.
Cage road cooly	Skip-road below the 68th level, Bullen's Incline Shaft.	X	He was knocked down the shaft by a falling divider dislodged by a derailed cage.	Head smashed and hand fractured.
Concreting cooly	Top of No. 1 "A" winze below 79th level S., Bullen's Incline Shaft.	XIX	While filling a bucket with concrete, some slush flew into his eye.	Corneal ulcer on an old opacity, left eye.
Tramming cooly	Sand bin near slimes plant (surface).	XXII	While tipping a truck over the sand bin, the body was pulled over to the side so much that it fell off the carriage on to his foot.	Lacerated wound dorsum of right foot, tarsometatarsal joints opened and tendons cut.
Machine cooly ...	Drive, 80th level S., Auxiliary Shaft.	XI	A burst of quartz ...	Comminuted fracture upper and lower ramus of pubis on both sides. Fractured ischium and sacrum. Fractured transverse process of 5th left vertebra. Died in hospital the same day.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
18th November ...	248	The Ooregum Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	18	3	1 Gopala Menon ...	...	48
5th December ..	256	Do ...	9-30	2½	...	2 K. Naga Reddy...	20
						and	
						Govindarajaloo ...	45
5th December ...	258	Do ...	10	3	...	1 R. Muniswami ...	30
10th December ...	260	Do ...	10-45	3¾	1 M. Vellay ...	...	35
11th December ...	264	Do ...	12-	5	...	1 Abdul Azeez ...	25
14th December ...	266	Do ...	10-15	3¼	...	1 K. Chinnappa ...	30
20th December ...	271	Do ...	10-15	3¼	...	1 Shanmugam ...	30
23rd December ...	275	Do —*concld.* ...	13-30	6½	...	1 Gopal ...	45
4th January ...	2	The Nundydroog Gold Mine, Bowringpet, Taluk, Kolar District.	7-30	½	...	2 O. Chinna Nallappan	30
						and	
						K. Mauraboyan ...	35

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Machine cooly ...	Crosscut W. to Bullen's Incline Shaft from 82nd level S. from No. 3 winze.	XIX	He was overcome by the excessive heat of the working place.	Heat exhaustion. Died in hospital on 20th November.
Handjumper cooly	Drive, 77th level S., Auxiliary Shaft.	XI	A rockburst	Wound of right knee, joint opened, wounds of right forearm, dorsum of hand, ring finger and lower 3rd of right leg.
Do ...	Do ...	Do	Do	Lacerated wounds of scalp with fracture outer table of skull, contused abrasions of back, right shoulder, wrist and left knee.
Pipe cooly ...	Drive, 81st level S. from No. 8 winze below 79th level S., Auxiliary Shaft.	XIX	While fixing an air pipe, a piece of rock fell on his knee.	Neglected injury of left knee.
Machine mestri (M. 11,531—B. 7,828).	Crosscut E., 82nd level, Bullen's Incline Shaft.	XI	A rockburst	Fracture of skull, both legs and left forearm with abrasions all over the body.
Timber cooly ...	Stope below the 50th level N., Oakley's Incline Shaft.	XV	While climbing up by ladder, he slipped and fell.	Wounds of scalp, forehead and face with concussion of brain.
Timber cooly ...	Drive, 1,610 ft. level N., Oakley's Shaft.	XIX	While breaking a large piece of rock, a small chip flew into his eye.	Wound of right cornea with hæmorrhage into the anterior chamber.
Timber cooly ...	Drive, 65th level N., Bullen's Incline Shaft.	XIX	While taking measurements for a timber, a stone fell on his foot.	Extensive lacerated wound of left foot, last toe crushed.
Handjumper cooly	No. 33 stope below the 65th level N., Oakley's No. 2 Vertical Shaft.	XIX	While drilling, a piece of rock fell on his leg.	Wound of right outer ankle, tendo-achilles half cut.
Handjumper cooly	Stope below the 44th level N., Oriental Main Winze.	XI	A rockburst	Wound of forehead and right knee, joint opened.
Do ...	Do ...	Do	Do	Contused wound of right thumb, middle finger and ring index crushed and amputated, lacerated wounds of dorsum and sole of right foot and wounds of left leg and index finger.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
6th January ...	3	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	0-40	$1\frac{2}{3}$	...	1 B. Arumugam ...	36
17th January ...	13	Do ...	10-10	$3\frac{1}{6}$	...	1 S. Rangaswami ...	38
22nd January ...	14	Do ...	16	1	1 K. Muniswami ...	...	25
24th January ...	19	Do ...	23	8	...	1 P. Subbaroyan ...	30
26th January ...	16	Do ...	6-45	$6\frac{3}{4}$	1 A. Karian ...	...	24
29th January ...	22	Do ...	9-30	$2\frac{1}{2}$	...	1 P. Muthan ...	40
30th January ...	24	Do ...	14	7	...	1 P. Muniswami ...	36
9th February ...	25	Do ...	6-30	$7\frac{1}{2}$	...	1 P. Abdul Rahim	35
16th February ...	39	Do ...	4	5	...	1 C. Krishnaswami	38
21st February ..	36	Do ...	16	1	...	2 C. Muniswami ... and V. Duraiswami ...	33 30

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Hoisting cooly ...	Loading Station below the 48th level, Henry Shaft.	XVII	A wheel of a bandy passed over his foot.	Extensive lacerated wound dorsum and sole of right foot, 2nd, 3rd and 4th toes crushed and amputated.
Timber cooly ...	Stope above the 48th level S., Kennedy's Section.	XIX	While fixing a stage, a piece of rock fell on his leg.	Compound fracture of both bones of left leg with lacerated wounds of lower 3rd leg, muscles cut.
Machine cooly ...	Sink of S. 19 winze, 110 feet below the 54th level S., No. 3 Auxiliary Shaft.	XIX	He was struck by a descending bucket.	Chest crushed with penetrating wound of upper left arm.
Machine cooly ...	No. 2 winze below the 61st level N., No. 1 Auxiliary Shaft.	XV	He was knocked down the winze by a descending bucket.	Simple fracture of upper 3rd of left humerus, compound fracture of lower 3rd, both bones of left forearm and contusion of hip.
Machine cooly ...	No. 1 winze below the 59th level S., No. 3 Auxiliary Shaft.	XV	While climbing up by ladder, he slipped and fell to the sink.	A deep wound below the right elbow with multiple injuries to both forearms, left knee and right heel.
Machine cooly ...	Plat, 61st level, No. 1 Auxiliary Shaft.	XIX	While breaking a large piece of rock, a chip flew into his eye.	Corneal ulcer of right eye with hypopion. The eye has very little vision.
Stuff cooly ...	Drive, 60th level S., No. 1 Auxiliary Shaft.	XIX	While filling a bandy, a piece of rock fell on him.	Lacerated wound of right heel, contused punctured wound of upper part of back.
Machine mestri, (M. 12,414—B. 8,313).	Drive, 59th level S., No. 2 Auxiliary Shaft.	XIX	While walking over a pile of stuff, he slipped and fell.	Simple fracture lower 3rd of left tibia with abrasions.
Machine cooly ...	Drive, 60th level N., No. 4 Auxiliary Shaft.	XI	A burst of rock ...	Contusion of left ankle, wound lower 3rd of both forearms and right knee.
Machine mestri, (M. 12,812—B. 8,508).	Drive, 59th level N., No. 2 Auxiliary Shaft.	XIII	Through intersecting a socket containing a small quantity of blasting gelatine.	Wounds and foreign bodies in both eyes, peppered wounds of face and chest-wall.
Machine cooly ...	Do ...	Do	Do ...	Wounds and foreign bodies in both eyes, peppered wounds of forehead, face, chest-wall and left forearm.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
22nd February ...	41	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District.—*contd.*	22	7	...	1 S. Ponnuswami...	45
25th February ...	44	Do ...	2	3	...	1 P. Narayana Panickar	25
26th February ...	45	Do ...	8	1	...	1 O. Iyappan ...	26
6th March ...	47	Do ...	7-30	½	...	1 C. Anthoo ...	56
7th March ...	51	Do ...	13-45	6¾	...	1 K. Devaraj ...	25
11th March ...	57	Do ...	10	3	...	1 T. Chinnaswami	30
23rd March ...	60	Do ...	1	2	...	1 K. Dhanapal ...	24
28th March ...	65	Do ...	12-30	5½	...	1 S. Thangaveloo...	28
6th April ...	66	Do ...	11	4	1 S. Karuppannan	...	40
8th April ...	68	Do ...	10	3	...	1 B. Periaswami ...	20
10th April ...	69	Do ...	11	4	...	1 S. Perumal ...	50
12th April ...	72	Do ...	23-30	½	...	1 K. Munivenkatappa	25
13th April ...	81	Do ...	21	6	...	1 K. Chinnappan...	41

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Night turner, (M. 5,001).	Cage road below 900 ft. level, Richards Shaft.	XIX	While riding up in the cage, some dirt fell into his eye.	One day old wound of right eye with no vision and cataract both eyes.
Machine cooly ...	Drive, 61st level S. from N. 23 winze N., No. 1 Auxiliary Shaft.	XI	While drilling, some pieces of rock fell on him.	Lacerated wound dorsum of left foot and wounds of both legs.
Handjumper cooly	Stope below the 56th level S., No. 3 Auxiliary Shaft.	XIX	While clearing stuff, a piece of rock fell on his leg.	Wound over left tendo-achilles, tendon slightly injured.
Saw filer (M. 14,251).	Plat 48th level, Henry Shaft.	XIX	While driving a nail into his work bench, it rebounded and struck his eye.	Penetrating wound of left eye with very little vision, cataract in both eyes.
Timber cooly ...	Drive, 57th level N., No. 1 Auxiliary Shaft.	XIX	While fixing a timber, a piece of rock fell on his knee.	Wound of left knee, joint opened.
Timber cooly ...	Rise above the 61st level N., No. 1 Auxiliary Shaft.	XIX	While cutting a hitch, a piece of rock fell on his knee.	Two days' old septic wound of left knee with cellulitis.
Stuff cooly ...	Intermediate drive S., 61st level from N. 18 winze N., No. 1 Auxiliary Shaft.	XIX	While clearing stuff, a piece of rock fell on his knee.	Wound of left knee, joint opened.
Concreting cooly.	Drive, 59th level S., No. 2 Auxiliary Shaft.	XVII	A wheel of a bandy passed over his foot.	Extensive lacerated wound sole of right foot and contused abrasion of dorsum.
Handjumper cooly	No. 5 winze below the 61st level S., No. 1 Auxiliary Shaft.	XV	While hoisting stuff from the sink, a piece of rock from the bucket fell on his knee.	Lacerated wound with left knee-joint opened. Died in hospital on 17th June.
Timber cooly ...	N. 16 stope below the 44th level N., Oriental Section.	XI	A burst of quartz	Wound of left knee, joint opened and wound lower third of left forearm.
Machine mestri (M. 9,912–B. 6,941).	No. 2 winze below the 59th level S., No. 2 Auxiliary Shaft.	XV	A jumper fell down the winze and struck his arm.	Simple fracture of lower third of left ulna.
Stuff cooly ...	S. 7 winze below the 59th level S., No. 2 Auxiliary Shaft.	XV	While walking over the planks covering the winze, he over-balanced and fell into the sink, a distance of 12 feet.	Contused abrasion of forehead and right eye-brow with fracture of base of skull.
Assistant Foreman (M 11,927)	Drive, 59th level S., No. 3 Auxiliary Shaft.	XVII	A wheel of a bandy passed over his foot.	Extensive lacerated wound of right heel with loss of tissue and abrasion lower 3rd of leg.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
21st April ...	89	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	22-45	7¾	...	1 C. Velayutham ...	40
28th April ...	93	Do ...	11	4	...	1 Sreeraman ...	24
1st May ...	85	Do ..	16-30	3½	1 V. Arokiaswami	..	26
8th May ...	94	Do ...	20-30	5½	...	1 Chinna Gounden	45
10th May ...	92	Do ...	10-30	3½	...	2 C. Arumugam ...	30
						and	
						V. Kochan	30
13th May	96	Do ...	15-30	2½	...	1 Arokiaswami ..	35
16th May ...	101	Do ...	4-30	3½	...	2 V. Kandaswami	47
						and	
			...		...	P. Kannan ...	26
16th May ...	105	Do ...	18	3	...	1 M. Venkataswami	55

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Slime cooly ...	Stairway in front of No. 1 Pachuca slimes plant, (surface).	XXIII	He tripped against a stone and fell into a pit.	Contusion of left heel and contused swelling of left ankle.
Underground wireman.	Plat, 48th level, No. 3 Auxiliary Shaft.	XIX	The cable he was unloading dropped on his knee.	Contused swelling of left knee and contused abrasion of right knee. Acute infective arthritis.
Machine cooly ...	Plat, 63rd level, No. 4 Auxiliary Shaft.	VIII	While getting out of the bowk, he slipped and fell into the sink.	Multiple wounds all over the body with internal injuries.
Stuff mestri (M. 14,325).	Drive, 49th level N., No. 1 Auxiliary Shaft	XIX	While releasing a choke in a chute, some pieces of rock fell on his hand.	Lacerated wound of left index finger and compound fracture of proximal phalanx and extensor tendon cut and wound of middle finger and abrasion of forearm.
Handjumper cooly	Stope below the 43rd level S., Tennant's Main Winze (Balaghat Section).	XI	A rockburst ...	Lacerated wound of right forearm, muscles cut, contused abrasion of right side of chest-wall with fracture of 10th rib and wound of arm.
Do ..	Do ...	Do	Do ..	Wound of right knee, joint opened.
Assistant fitter ...	Fitting shop (surface).	XXIII	A sharp piece of steel shaving cut his leg.	Wound over left tendo-achilles, tendon partly cut.
Machine cooly ..	Sink, 90 feet below the 61st level, No. 1 Auxiliary Shaft.	XI	A rockburst ...	Lacerated wound of right forearm with compound fracture of lower 3rd of ulna and extensor muscles cut, wounds of both legs.
Do ...	Do ..	Do	Do ...	Lacerated wound with compound fracture of skull, outer table chipped off, punctured wound of left elbow, abrasion of nose and forehead.
Machine mestri (M 13,054).	Sink, 100 feet below the 57th level, Ventilation Winze S., No. 3 Auxiliary Shaft.	XIX	While at work in the sink, a piece of rock fell on his arm.	Wound middle of left forearm with simple fracture of middle of humerus.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
22nd May ...	107	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	11-15	4¼	...	1 V. Veeran Kutty	28
25th May ...	125	Do ...	10	3	...	1 K. Thimmadoo ...	22
29th May ...	114	Do ...	11-15	4¼	...	1 M. Chinna Chinnappan	45
30th May ...	115	Do ...	10-45	3¾	...	1 A. Chinnappan ...	25
31st May ...	116	Do	4-30	5½	...	1 Chinna Rathnam	22
2nd June ...	119	Do ...	11-15	4¼	...	1 M. Varadan ...	30
7th June ...	128	Do ...	6	7	...	1 C. Krishnaswami	40
16th June ...	142	Do ...	1-30	2½	...	1 R. Munian ...	50
16th June ...	140	Do ...	8	1	...	1 S. Chinnappan ...	20
17th June ...	141	Do ...	12-15	5¼	...	1 Krishna Nair ...	22
22nd June ...	137	Do ...	9-15	2¼	...	1 M. Ross ...	30
22nd June ...	135	Do ...	15	8	...	1 K. Muthoo Gowndan	25

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Handjumper cooly	Ladderway in S. 26 stope above the 54th level S., No. 3 Auxiliary Shaft.	XV	While climbing up by ladder, he slipped and fell a distance of 10 feet.	Contused abrasion back of right side, wounds of scalp, right shoulder, abrasion of lower 3rd right thigh and middle of left leg.
Quartz cooly ...	Tramline, quartz yard (surface).	XXIII	While cleaning the yard, a block of concrete fell on his foot.	Extensive lacerated wounds of dorsum and sole of right foot.
Stuff cooly ...	Drive, 59th level S., No. 3 Auxiliary Shaft.	XIX	While filling a bandy, a piece of rock fell on his leg.	Wound of right tendo-achilles, tendon partly cut.
Concreting cooly	Plat, 61st level, No. 1 Auxiliary Shaft.	XIX	While building a retaining wall, a piece of rock fell on his knee.	Wound of left knee, joint opened.
Stuff cooly ...	Drive, 48th level N., No. 4 Auxiliary Shaft	XVII	A wheel of a loaded bandy passed over his foot.	Extensive lacerated wound of dorsum and sole of right foot with compound fracture of proximal phalanges of last toe.
Machine cooly ..	Drive, 60th level S., No. 1 Auxiliary Shaft	XI	A burst of rock ...	Arthrotomy of left knee joint, lacerated wounds of left thigh and right forearm. Multiple lacerations and cuts.
Machine cooly ...	Drive, 60th level N., No. 4 Auxiliary Shaft	XIX	While watering a hole, some slush flew into his eye.	One day old corneal ulcer of right eye.
Machine mestri, (M. 5,721—B. 3,767).	Drive, 60th level S., No. 2 Auxiliary Shaft.	XIX	While moving a rock-drill, it rolled on to his foot.	Lacerated wounds of left great and 2nd toes.
Machine cooly ...	S. 22 winze, 57th level S., No. 3 Auxiliary Shaft	XIX	While tipping a bucket, his hand was caught between the rope and the sheave wheel.	Lacerated wounds of palm of left index, middle and ring fingers, middle finger joint opened.
Machine cooly ...	Stope above the 43rd level, Kennedy's Main Winze.	XIX	While barring down loose, a piece of rock fell on his foot.	Lacerated wound over left tendo-achilles, tendon partly cut.
Timber cooly ...	Ladderway in a stope below the 48th level N., No. 1 Auxiliary Shaft.	XV	While climbing down by ladder, he slipped and fell a distance of 20 feet.	Contusion upper third of left thigh.
Handjumper cooly.	Drive, 50th level S., No. 2 Auxiliary Shaft.	XIX	While walking along the level, he tripped and fell on the tram-line.	Colles' fracture, left and contusion of left thigh.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
25th June ...	138	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District —*contd.*	3	4	...	1 S. Muniswami ...	32
25th June ...	136	Do ...	5-25	$6^5/_{12}$	1 V. Narayanaswami	...	35
2nd July ...	149	Do	17-30	$2\frac{1}{2}$	1 Kesava Nair ...	...	26
						1 Ramaswami ..	32
5th July ...	150	Do ...	4-2 0	$3\frac{1}{3}$	7 V. Joseph ...	...	40
					A. Kuppuswami...	...	36
					G. Bashaw ...	...	33
					A. Kuppan ...	...	38
					K. Murugan ...	...	55
					V. Manickam ...	...	27
					and		
					C. Duraiswami ...	...	27
						4 P. Venkataswami	23
						P. Rungaswami...	23
						S. Murugan ...	39
						and	
						C. Dhanapal ...	30

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Stuff cooly ...	Drive, 48th level S., Tennant's Main Winze.	XVII	He was caught between two bandies.	Simple fracture lower ends of both bones of left forearm, contusion of chest-wall and lower part of back.
Stuff mestri, (M. 12,662).	S. 6 Winze, 53rd level, S., No. 2 Auxiliary Shaft.	XV	He fell down the winze, a distance of about 100 feet.	Head fractured and multiple injuries all over the body. ...
Blaster's assistant.	Stope between S. 6 & S. 7 below the 54th level S., No. 2 Auxiliary Shaft.	XI	A rockburst ...	Both legs smashed and multiple injuries all over the body. ..
Small air hoist driver.	Top of winze at N. 9, 59th level N., No. 2 Auxiliary Shaft.	Do	Do ...	Wound of scalp, left knee, upper 3rd of left leg, left outer ankle and contusion of chest-wall.
Machine mestri (M. 14,180—B. 9,126).	Sink, 143 feet below the 61st level, No. 1 Auxiliary Shaft.	Do	A heavy rockburst ...	Multiple injuries to head and body. ...
Blaster (M. 12,771—B. 8,850).	Do ...	Do	Do ...	Do
Machine cooly ...	Do ...	Do	Do ...	Do
Do ...	Do ...	Do	Do ...	Do
Mason ...	Do ...	Do	Do ...	Do
Machine cooly ...	Do ...	Do	Do ...	Multiple injuries to head and body. Died in hospital the same day.
Do ...	Do ...	Do	Do ...	Do
Do ...	Do ...	Do	Do ...	Extensive lacerated wound in front of left ankle, joint, extensor tendon cut and joint opened.
Do ...	Do ...	Do	Do ..	Wound of scalp, compound fracture middle of right arm, upper end of left knee and wounds of left foot.
Do ...	Do ...	Do	Do ...	Fracture of left 7th & 8th ribs, wounds of right arm, forearm and abrasion of lower 3rd of left thigh.
Do ...	Do ...	Do	Do ...	Wound of scalp, left knee and contusion of both ankles.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
6th July ...	151	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	23-30	½	...	1 S. Govindan ...	19
12th July ...	153	Do ...	9-30	2½	1 S. Munian ...	...	43
21st July ...	160	Do ...	11-30	4½	...	1 A. Joseph ...	25
2nd August ...	164	Do ...	18-30	3½	1 V. Sanjivi ...	...	26
8th August ...	168	Do ...	11	4	...	1 V. Kanny ...	26
14th August ...	171	Do ...	14	7	...	1 G. Kuppan ...	20
25th August ...	176	Do ...	7-30	...	1 M. Seetharam ...	...	23
27th August ...	178	Do ...	5-30	6½	2 P. John ...	...	35
					and		
					P. Thangavelu ...	...	30
5th September ...	187	Do ...	11-20	4⅓	1 P Abu Baker ...	...	25
6th September ...	205	Do ...	11-45	4¾	...	1 N. Muniswami ...	26
8th September ...	188	Do ...	10-15	3¼	...	1 G. Muthan ...	35

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Pebble boy ...	Revolving Table, Picking Floor (surface.)	XXIII	A piece of rock from the chute fell on his hand.	Simple fracture lower third of left radius.
Timber mestri (M. 13,764).	S. 25 winze, 54th level S., No. 3 Auxiliary Shaft.	XV	Owing to the collapse of a stage, he fell down the chute pass.	Multiple injuries all over the body.
Concreting cooly.	Drive, 57th level N., No. 1 Auxiliary Shaft.	XIX	While fixing a stage, he slipped and fell, a distance of 6 feet.	Colles' fracture, left.
Machine cooly ...	N. 23 winze, 60th level N., No. 1 Auxiliary Shaft.	XV	While riding up on the bow of the bucket, he somehow fell down the winze.	Head smashed and left leg fractured.
Timber cooly ...	Drive, 2,000 ft. level N., Richards Shaft.	XIX	A piece of timber dropped on his hand.	Contusion with hæmatoma of right wrist and simple facture lower end of radius.
Stuff cooly ...	Drive, 46th level N., Oriental Section.	XIX	While filling a bandy at a chute, a piece of rock fell on his hand.	Contused abrasion with simple fracture middle of right ulna.
Timber cooly ...	Cage road, Henry Shaft.	VI	While riding down in the cage, his body was for some unknown reason pulled out and dismembered.	Body dismembered.
Machine cooly ...	Drive, 60th level N. from S. 7 Winze below the 59th level S., No. 2 Auxiliary Shaft.	XIII	Through intersecting a socket containing a small quantity of blasting gelatine.	Multiple injuries to head and body.
Do ...	Do ...	Do	Do ...	Do
Handjumper cooly.	Bucket-road above the 850 ft. level, Morrison's Shaft (Nine Reefs).	VIII	While climbing up the bucket-road, a ladder fell and knocked him down.	Compound fracture of right thigh, simple fracture of left thigh and left forearm; deep wound of frontal bone, bone exposed and wound of lower jaw.
Hoisting cooly ...	Plat, 48th level, Henry Shaft.	XIX	While unloading a wooden launder, it fell on his foot.	Contused wounds of right foot with fractures 1st, 2nd, 3rd and 4th metatarsals.
Machine cooly ...	Drive, 61st level S., No. 1 Auxiliary Shaft.	XI	A burst of rock ...	Lacerated wound of right knee, joint opened, wounds on right temple, left forearm and upper third of right leg.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
9th September ...	192	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	13	6	...	1 P. Sanjivi ...	43
13th September...	207	Do ...	10-45	3¾	...	1 Ramachandran ...	22
17th September ...	200	Do ...	7-15	½	...	1 Sangu ...	35
18th September...	201	Do ...	21-15	6½	2 M. Velligan ...	...	24
					and		
					T. Padavattan ...	...	24
						1 Chinna Kutty *alias* Chella Kutty	40
22nd September...	211	Do ...	13	6	...	1 Manavalan ...	24
22nd September...	218	Do ...	17	2	...	1 K. Karuppan ...	23
6th October ...	220	Do ...	15-15	8½	...	1 M. Govindan ...	28

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Stuff cooly ...	Drive, 62nd level N., No. 1 Auxiliary Shaft.	XIX	While lowering a ventilation pipe with a shutter down a winze, the former slipped and dropped on his leg.	Fracture of left ankle joint.
Oiler and cleaner.	Electric Hoist, 47th level, No. 4 Auxiliary Shaft.	XVIII	While he was greasing the cog-wheels of the depth indicator, the engine was set in motion, resulting in his fingers being crushed.	Right index and middle fingers crushed and middle finger amputated at the distal joint and index finger at the end of the middle phalanx.
Handjumper cooly.	Crosscut E., 54th level, from No. 2 Auxiliary Shaft.	XVII	He was caught between a bandy and a side of the crosscut.	Lacerated wound right side of face, chin, simple fracture of acromial end of left clavicle and contused abrasion both forearms and back.
Stuff cooly ...	Rill stope above the 53rd level N., No. 1 Auxiliary Shaft.	XI	A very heavy rockburst ...	Compound fracture of skull and multiple wounds all over the body with internal injuries.
Do ...	Do ...	Do	Do ...	Extensive lacerated wounds of scalp with fracture of skull and base of skull and multiple wounds all over body. Died in hospital on 19th September.
Stuff mestri (M. 12,078).	Do ...	Do	Do ...	Lacerated wound of scalp, multiple wounds all over the body and extensive lacerated wound of lower 3rd left leg, tendo-achilles completely cut.
Timber cooly ...	Drive, 50th level S., No. 2 Auxiliary Shaft.	XIX	While breaking a piece of rock, a chip flew into his eye.	Corneal ulcer of right eye due to two days' old abrasion.
Stuff cooly ...	Drive, 61st level S., No. 3 Auxiliary Shaft.	XI	A burst of quartz	Lacerated wound of left shoulder, muscles cut.
Machine cooly ...	Crosscut E., 60th level, No. 1 Auxiliary Shaft.	XIX	His hand was caught between a rock-drill and a side of the crosscut.	Proximal phalanx of left middle finger crushed and amputated, wound of index finger, nail off and wound of palm of ring finger.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed *(All males unless otherwise stated)*	Names and Number of Persons injured *(All males unless otherwise stated)*	Reputed Age
8th October ...	215	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	18	3	...	1 V. Chinnappa ...	32
28th October ...	230	Do ...	10	3	...	1 C. Nadesan ...	25
31st October ...	231	Do ...	12-15	5¼	...	1 J. Samuel ...	23
3rd November ...	242	Do ...	11	4	...	1 K. Murugan ...	30
6th November ...	238	Do ...	14	7	...	1 Annoor Abel ...	28
14th November ...	243	Do ...	11	4	...	1 T. Balan ...	30
24th November ..	254	Do ...	12-30	5½	..	1 H. O'Donoghue ..	28
7th December ...	261	Do ...	19-15	4¼	...	1 C. Chamoo ...	28
10th December ...	263	Do ...	9	2	...	1 S. Arumugam ...	38
18th December ...	272	Do ...	16-30	1½	...	1 K. Dasappah ...	38

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Continued.* Table 13.—*Continued.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Machine cooly ...	N. 24 stope above the 49th level N., No. 1 Auxiliary Shaft.	XIX	While rigging a machine bar, a piece of rock fell on his hand.	Compound fracture of proximal phalanges of left middle, index and ring fingers, extensor tendon of middle finger cut.
Tea boy ...	Drive, 57th level S., No. 3 Auxiliary Shaft.	XIV	Due to the explosion of a primer ...	Right hand crushed and amputated at wrist and multiple wounds of both legs and lower lip.
Plate layer cooly.	S. 20 winze below the 59th level S., No. 3 Auxiliary Shaft.	XV	He was struck by a ladder which fell from part-way down the winze.	Inter-troch-anteric fracture of right femur, fracture upper 3rd of right humerus and abrasion of right shoulder and hip.
Stuff mestri (M. 14,528).	Drive, 58th level S., No. 2 Auxiliary Shaft.	XIX	While attempting to ease a choked up chute, a stone fell on his hand.	Dislocation of left elbow and fractured coronoid.
Timber cooly ...	N. 27 stope below the 49th level N., No. 1 Auxiliary Shaft.	XIX	While fixing a timber, a piece of rock fell on his knee.	Wound of left knee, joint opened.
Timber cooly ...	Drive, 53rd level S., No. 2 Auxiliary Shaft.	XIX	While packing a pigstye, the timber on which he was standing gave way causing him to fall into the level.	Comminuted fracture middle third of right clavicle and wounds of nose and left elbow.
Foreman ...	Drive, 61st level S., No. 2 Auxiliary Shaft.	XIX	While starting a hole, a chip of steel flew into his eye.	Loss of vision left eye due to penetration by foreign body.
Handjumper cooly.	N. 26 stope below the 50th level N., No. 1 Auxiliary Shaft.	XI	A rockburst	Lacerated wound lower 3rd of left leg with tendo-achilles completely cut.
Handjumper cooly	Stope below the 400 ft. level S., Henty's Shaft (Nine Reefs).	XIX	While dressing the stope face, a chip of rock flew into his eye.	Penetrating wound of right eye with escape of lens and prolapse of iris.
Machine mestri (M. 13,948).	Drive, 60th level N., No. 4 Auxiliary Shaft.	XIII	Through intersecting a socket containing a small quantity of blasting gelatine.	Penetrating wound of left eye. No vision. Peppered wounds and foreign bodies in right eye. Peppered wounds of face, chest-wall, right arm and wound of left middle and little fingers.

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
23rd December ...	273	The Nundydroog Gold Mine, Bowringpet Taluk, Kolar District—*contd.*	0-50	$1\frac{5}{6}$	1 P. Yovan ...	...	25
						1 P. C. Raman ...	48
23rd December ...	274	Do ...	4-30	$5\frac{1}{2}$	...	1 M. Periannan ...	38
27th December ..	277	Do *concld.* ...	21-30	$6\frac{1}{2}$	...	1 Arni Govindan ...	25
27th February ...	42	The Kolar Gold Field Electricity Department, Bowringpet Taluk, Kolar District.	14-40	$7\frac{2}{3}$	...	1 G. Natesan ...	20
9th January ...	5	The Sinduvalli Chrome Mines, Mysore Taluk, Mysore District.	21	...	4 C. S. Anthony ...	...	40
					M. E. Meyers ..	...	42
					Hussein ...	...	26
					and Anthony ...	..	38
11th October ...	217	Do *concld.* ...	11-30	$3\frac{1}{2}$	...	1 Kutti Ali ...	35

AND SERIOUS ACCIDENTS

OF MYSORE DURING THE YEAR 1935.—*Concluded.* Table 13.—*Concluded.*

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
Stuff cooly ...	N. 9 south stope below the 57th level N., No. 2 Auxiliary Shaft.	XI	A rockburst	Fracture of spine and rupture of the abdominal region at the back with escape of intestines and multiple injuries.
Mestri (M. 9,282).	Do ..	Do	Do	Wound of left knee, joint opened, wounds of left forearm, right elbow, leg, left inner ankle and over right scapula.
Stuff cooly ...	Stope below the 49th level N., No. 3 Winze, Balaghat Section.	XV	While clearing stuff, some pieces of rock fell on him.	Lacerated wound of right knee, joint opened, wounds of lower 3rd of right forearm and middle of right leg.
Machine cooly ...	Drive, 60th level S., No. 3 Auxiliary Shaft.	XVII	Run over by a bandy	Extensive lacerated wound dorsum and sole of left foot and compound fracture of 2nd metatarsals.
Tool boy ...	Kolar Gold Field Club Road (surface).	XXIII	While repairing a street light, he overbalanced and fell off the ladder from a height of 12 feet.	Compound fracture at the junction of lower and middle 3rd, both bones of left leg with abrasion of leg, contused abrasions of upper lip and right forearm.
Head fitter and electrician.	Drive, 360 ft. level S., N. S. 3 Shaft.	XIX	Drowned due to sudden rush of water from an old working.	Asphyxiation due to drowning.
Fitter ...	Do ...	Do	Do	Do
Pump driver ..	Do ...	Do	Do	Do
Handjumper cooly.	Do ...	Do	Do	Do
Handjumper cooly	Back stope on West lode, 300 ft. level, C. B. Shaft.	XV	While drilling a hole in the back stope, he slipped and fell.	Prolonged unconsciousness, oedema and contusion of left leg and lacerated wound of right leg.

RECORD OF FATAL AND SERIOUS ACCIDENTS.

[NON-MINING.]

RECORD OF FATAL

AT MINES WORKING IN THE STATE

1	2	3	4	5	6	7	8
Date of Accident	Registered Number of Accident	Name and Situation of Mine	Time of Accident (counting hours from midnight)	Number of hours worked before Accident.	Names and Number of Persons killed (*All males unless otherwise stated*)	Names and Number of Persons injured (*All males unless otherwise stated*)	Reputed Age
23rd February ..	38	The Mysore Gold Mine, Bowringpet Taluk, Kolar District.	...	...	1 Subramony ...	...	2
3rd June .	120	Do ...	...	...	1 Parvathi *alias* Selvaraj (Dumb). (female)	...	3½
29th October ..	233	Do ...	8-25	...	1 Phahelvan Khan	...	50

AND SERIOUS ACCIDENTS—(*NON-MINING*)

OF MYSORE DURING THE YEAR 1935.

Table 13A.
Supplementary.

9	10	11	12	13
Occupation	Place of Accident	Class of Accident in terms of Table 7	Cause of Accident	Nature of Injury
...	Bathing Tank (Males) near additional Rivetter's Line.	...	Accidental drowning	Asphyxiated.
...	No. 1 P. O. Block, Washing Tank near the Jandamodu Panchayat Court.	...	Do	Do
Watchman ..	M. and S. M. Railway Line, West of Punjabi Lines.	...	While crossing the railway line, he was knocked down by a locomotive.	Body mutilated.

APPENDIX I.

NOTES ON THE ADMINISTRATION OF THE WORKMEN'S COMPENSATION REGULATION, XIV OF 1928, ON THE KOLAR GOLD FIELD FOR THE YEAR 1935-36.

(By Mr. J. Appaji Gowda, B.A., (Hons.), Commissioner).

Five fatal and seven non-fatal cases were pending disposal at the beginning of the year. Seventy-three fatal cases, 57 non-fatal cases and 83 memoranda of agreements were received during the year, making up a total of 78 fatal cases, 64 non-fatal cases, and 83 memoranda of agreements for disposal. Of these, 75 fatal, 54 non-fatal and 83 memoranda of agreement cases were disposed of, leaving a pendency of 3 fatal and 10 non-fatal cases.

There were 68 contested cases, both fatal and non-fatal, out of which 15 claims were allowed, 4 claims were dismissed and 39 claims were compromised, leaving over a pendency of 10 claims for settlement during the year 1936-37.

One appeal of the year 1934-35 was pending in the High Court and two were instituted during the year. All the three were disposed of; the decision of the Commissioner was upheld in two cases and reversed in the third.

During the year a sum of Rs. 52,344-5-0 was deposited in the Court as compensation payable to parties both in fatal and non fatal cases and adding the amount of Rs. 1,044-12-0 pending payment at the end of 1934-35, the total amount for disbursement was Rs. 53,389-1-0. Out of this a sum of Rs. 49,791-8-0 was disbursed leaving a balance of Rs. 3,597-9-0 to be carried over to the next year's account.

Under investments on behalf of minors (Rule 10 of the Rules under the Workmen's Compensation Regulation) the amount including interest received during the year was Rs. 782-13-4 and this with the amount brought forward from the previous year's account *viz.*, Rs. 8,435-0-0 totalled up to Rs. 9,217-13-4. A sum of Rs. 982-13-4 was withdrawn and paid during the year leaving a balance of Rs. 8,235 at the close of the year.

APPENDIX II.

ACCIDENTS BY FIRE OR EXPLOSION WHICH HAVE BEEN BROUGHT TO THE NOTICE OF THE MINES AND EXPLOSIVES DEPARTMENT FROM 1ST JANUARY TO 31ST DECEMBER, 1935.

No.	Date of accident	Nature of explosive	Place of accident	Circumstances of accident so far as ascertained	Number of persons	
					Killed	Injured
1	4th Jan.	Fireworks	Basavapura village, Gundlupet Taluk.	An agriculturist was grinding a mixture of "Bellulli Pattas" when the same suddenly exploded injuring his face, right hand and foot.	...	1
2	17th Jan.	Gunpowder	Sowkalli village, Yedatore Taluk.	When a stone-cutter attempted to withdraw a charge of gunpowder from a misfired hole, an explosion occurred as a result of which he sustained injuries.	...	1
3	22nd Jan.	Fireworks	Mathigodu village, Arkalgud Taluk.	A shepherd picked up a ball of "Bellulli Pattas" in a field and tampered with it when it exploded injuring his left hand.	...	1
4	24th Jan.	Gunpowder	In a well in Yelagachundi village, Mysore Taluk.	While withdrawing an unexploded charge of black powder from a misfired hole, an explosion occurred resulting in serious injuries to two coolies, one of whom died in hospital the same day.	1	1
5	31st Jan.	Gunpowder	Yagavapyalabandlapalli, Bagepalli Taluk.	A mason ignited a small quantity of gunpowder to test its efficacy when sparks produced from it were carried by the wind to the main stock of powder kept a few feet away and set it ablaze resulting in injuries to him, his wife, a child and another boy close by. The child died from the effects of burns a few hours later.	1	3
6	2nd Feb.	Gunpowder	In a well at Begur village, Bangalore Taluk.	Two persons were charging gunpowder into a hole with an iron rod and hammer, when an explosion occurred injuring both of them.	...	2
7	20th Feb.	Gunpowder	In a well at Upparahalli, Chintamani Taluk.	While a cooly was ramming home a charge of gunpowder into a hole with an iron rod, an explosion occurred resulting in injuries to him.	...	1
8	26th Feb.	Gunpowder	In the limits of Kothandahalli, Kolar Taluk.	An explosives licensee was carrying over his head some quantity of gunpowder for vending in surrounding villages when a spark from a lighted "beedi" which he was smoking at the time fell on the powder and ignited it inflicting burns on his person.	...	1
9	2nd Mar.	Gunpowder	Store room of Messrs. Ganon, Dunkerley & Co., Mysore Iron and Steel Works, Bhadravati.	While issuing gunpowder a store-keeper of the firm was smoking a cigarette; a spark from it fell on the powder and ignited it; he sustained fatal burns in consequence.	1	...
10	14th Mar.	Gunpowder	Near the New Steel Plant, Mysore Iron and Steel Works, Bhadravati.	While a cooly was ramming home a charge of gunpowder into a hole with an iron rod, an explosion occurred resulting in injuries to him.	...	1
11	14th Mar.	Gunpowder	In a well outside the Railway premises at Arsikere.	A cooly tampered with a misfired hole which exploded injuring him and his co-worker.	...	2
12	18th Mar.	Fireworks	Gerukoppa village, Sorab Taluk.	A person tampered with "Bellulli Pattas" and sustained injuries in the resultant explosion.	...	1
				Carried over ...	3	15

APPENDIX II—*contd.*

No.	Date of accident	Nature of explosive	Place of accident	Circumstances of accident so far as ascertained	Number of persons	
					Killed	Injured
				Brought forward ...	3	15
13	22nd Mar.	Fog Signal	In the compound of Jaganmohan Palace, Mysore.	A gardener was injured while digging with pickaxe which struck a fog signal and exploded it.	...	1
14	29th Mar.	Fireworks	Hunasekatte, Shiralkoppa Range, Shikarpur Taluk.	By pressing "Bellulli Pattas" in between his fingers a person sustained injuries by the explosion caused.	...	1
15	3rd April	Gunpowder	In a well in Gandanahalli village, Krishnarajanagar Taluk.	While charging gunpowder into a hole with an iron rod an explosion occurred and two coolies sustained injuries; one of them died later in hospital.	1	1
16	19th April	Dynamite	In a well in Nakkanahalli village, Bowringpet Taluk.	Two coolies drilled into a socket containing a remnant of the previous charge of dynamite and were injured in the explosion caused thereby.	...	2
17	25th April	Gunpowder	In a quarry, Bettahalsur, Devanhalli Taluk.	While charging a hole with gunpowder using an iron rod, the charge exploded and injured two coolies.	...	2
18	26th April	Fireworks	Seshappanahalli, Hiriyur Taluk.	A person tampered with "Bellulli Pattas" when an explosion ensued blowing off the fingers of both his hands and causing other injuries to him and another person, the former died of hæmorrhage an hour later.	1	1
19	27th April	Gun Cartridge.	Balehittalu, Koppa Taluk	A cowherd struck a gun cartridge with a mallet and was injured in the resultant explosion.	...	1
20	30th April	Fireworks.	Hosamane, Shimoga Taluk.	During a marriage procession an iron tube filled with a mixture of potassium chlorate and arsenic sulphide was being fired, when it exploded and a broken piece of the tube struck the right leg of a person in the procession.	...	1
21	11th May	Gunpowder	In a well in Magadi Road, Bangalore City.	Through deepening a misfired hole containing the charge of gunpowder, an explosion occurred and two coolies sustained injuries.	...	2
22	13th May	Firework Composition.	Halsoor village, Tarikere Taluk.	During a marriage procession, a spark from an ignited "Bengal Light" fell on some quantity of a mixture of sulphur and potassium chlorate which was being carried by a person and exploded it causing injuries to him.	...	1
23	14th May	Gunpowder	In a well in Chikkabannihatti, Jagalur Taluk.	While a cooly was withdrawing the charge of gunpowder from a misfire with a steel jumper and hammer, it exploded causing him serious injuries.	...	1
24	17th May	Detonator	Chikka Volagamadi village, Bowringpet Taluk.	A person picked up a detonator and placed it on fire when it exploded injuring his fingers.	...	1
25	20th May	Blasting Gelatine.	In a well in Chikka Egloor village, Malur Taluk.	While clearing the debris after a blast, two coolies tampered with a misfire, which exploded and injured them.	...	2
26	25th May	Fireworks	Dodkurubarahalli, Gudibanda Sub-Taluk.	While a person was unscrewing a bottle containing a mixture of potassium chlorate and arsenic sulphide, it exploded and injured him.	...	1
				Carried over ...	5	33

APPENDIX II—*contd.*

No.	Date of accident	Nature of explosive	Place of accident	Circumstances of accident so far as ascertained	Number of persons	
					Killed	Injured
				Brought forward ...	5	33
27	30th May	Gunpowder	Quarry near the Sri Chamarajendra Water Works, Thippagondanahalli.	While ramming home a charge of gunpowder with an iron rod the charge exploded injuring two coolies.	...	2
28	10th July	Gun Cartridge.	Erannapalya, Yalahanka Range, Bangalore Taluk.	A person picked up a live cartridge from a manure dump and tampered with it, when it exploded and injured him.	...	1
29	13th July	Fireworks	Mattikere, Yelahanka Range, Bangalore Taluk.	While a person was preparing a mixture of potassium chlorate and arsenic sulphide, it exploded blowing off his right hand.	...	1
30	19th July	Do	Rayanakere Farm, Mysore Taluk.	A cowherd tampered with "Bellulli Pattas" which exploded and injured him.	...	1
31	21st July	Gelatine Dynamite.	Chamundi Hills, Mysore.	A cooly drilled into a socket containing some dynamite and sustained injuries in the resultant explosion.	...	1
32	28th July	Fireworks	In the compound of Roman Catholic Church, Mysore City.	While a person was unscrewing the lid of a tin containing "Bellulli Pattas" mixture an explosion occurred and injured him.	...	1
33	8th Sept.	Gelatine Dynamite.	In a well in Davangere Town.	Through drilling into or intersecting a socket containing remnant of a charge of gelatine dynamite, an explosion occurred and a cooly sustained injuries.	...	1
34	9th Sept.	Gunpowder	In a well near Chintamani Railway Station.	While a cooly was charging a hole in a well with gunpowder by means of an iron rod, an explosion occurred injuring him.	...	1
35	11th Sept.	Do	Kallugudde village, Megunda Hobli, Koppa Taluk.	Three persons were warming themselves at a fire-place, when a packet of gunpowder left hanging above it, fell into the fire and exploded causing burns on their persons.	...	3
36	4th Oct.	Do	Gargeswarapura, Magadi Taluk.	Through drilling into a hole charged with gunpowder, an explosion occurred injuring a cooly.	...	1
37	5th Oct.	Do	1st furlong, 15th mile stone, Koratagere-Tumkur Road.	While loading blackpowder into a hole with an iron rod, the charge exploded resulting in injuries to a cooly.	...	1
38	18th Oct.	Do	In a well at Bukkambudhi, Tarikere Taluk.	The tampering with a misfire resulted in an explosion by which two coolies were injured; one of them died later in hospital.	1	1
39	22nd Oct.	Fireworks	Chamarajapet, Bangalore City.	While a person was grinding together the ingredients of "Bellulli Pattas" an explosion occurred causing him injuries.	...	1
40	26th Oct.	Do	Palace, Upparahalli, Bangalore City.	While a person was attempting to throw down a "Bellulli Pattas" bomb it exploded in his right hand.	...	1
41	30th Oct.	Gunpowder	Belaguthi village, Honnali Taluk.	During the procession of a village deity, there was a display of fireworks. A spark from a lighted firework fell on some country gunpowder carried by a person in an open basket and ignited it. He threw away the burning basket and 11 persons in the procession sustained burns thereby, two of them died later.	2	9
				Carried over ...	8	59

APPENDIX II—*concld.*

No.	Date of accident	Nature of explosive	Place of accident	Circumstances of accident so far as ascertained	Number of persons	
					Killed	Injured
				Brought forward ...	8	59
42	20th Nov.	Detonator	Ribblesdale's Block, Mysore Gold Mine, Marikuppam.	A person picked up a detonator from a waste heap, tampered with it and got injured in the resultant explosion.	...	1
43	25th Nov.	Fireworks	Chennanhalli, Kadur Taluk.	Three cowherds picked up a packet of "Bellulli Pattas" in the village, tampared with it, and got injured in the explosion.	...	3
44	3rd Dec.	Fireworks	Pandithanahalli, Tumkur Taluk.	While a person was unscrewing the lid of a bottle containing a small quantity of "Bellulli Pattas" mixture, it exploded in his hands.	...	1
45	7th Dec.	Fireworks	Dorasanipalya, Bangalore Taluk.	During a display of fireworks in the annual festival of St. Mary a metal pipe in which a rocket was fired was shattered into bits by the explosion and the flying metal pieces struck two women.	...	2
46	8th Dec.	Detonator	Dodda Mavalli, Bangalore City.	A boy picked up a detonator and threw it in the burning hearth mistaking it for a cracker when it exploded injuring him and his mother.	...	2
47	14th Dec.	Fireworks	Near Sivananda Rice Mill, Narasimharajapur	While a person was manufacturing a mixture of "Bellulli Pattas" it exploded blowing off his right forearm.	...	1
48	15th Dec.	Fireworks	Mathikere, Chikmagalur Taluk.	While a person was igniting a "*girnal*" to scare away monkeys from his garden, sparks from it fell on other girnals in his left hand and exploded them causing him serious injuries.	...	1
49	17th Dec.	Detonator	Upparahalli, Bangalore City.	By tampering with a detonator four persons sustained injuries.	...	4
50	18th Dec.	Gunpowder	Singarajapura, Channapatna Taluk.	A boy was blowing at some smouldering country gunpowder with his mouth when it burst into flame causing him burns.	...	1
51	22nd Dec.	Fireworks	Kanoor village, Koppa Taluk.	When a person was lighting a *girnal* to scare away wild animals from his field, it exploded causing traumatic conjunctivitis of his right eye.	...	1
52 to 64	...	Nitro-compound.	In Mines (Kolar Gold Field).	*Vide* Table 13	5	16
				Total ...	13	92

SUMMARY.

Explosive	Number of Accidents	Number of persons	
		Killed	Injured
Gunpowder	21	7	37
Nitro-compound	17	5	22
Fulminate	...	...	...
Ammunition	7	...	11
Fireworks	19	1	22
Grand Total ...	64	13	92

APPENDIX III.

DEPARTMENT OF MINES AND EXPLOSIVES.

With reference to notification No. G. 9745—Geol. 69-15-17, dated 18th January 1918, publishing rules to regulate the manufacture, possession, sale, transport and importation of explosives, the following list of "Authorised Explosives" referred to in Rule 4 (3) of the Mysore Explosives Rules, is published for general information :—

LIST OF AUTHORISED EXPLOSIVES.

The following explosives are at present authorised for importation into the Mysore State for general sale :—

CLASS 1.—GUNPOWDER.

The term "gunpowder" means gunpowder ordinarily so called.

GUNPOWDER.

CLASS 2.—NITRATE MIXTURE.

The term "nitrate mixture" means any preparation, other than gunpowder ordinarily so called, formed by the mechanical mixture of a nitrate with any form of carbon or with any carbonaceous substance not possessed of explosive properties, whether sulphur be or be not added to such preparation, and whether such preparation be or be not mechanically mixed with any other non-explosive substance, and includes any explosive containing a perchlorate and not being a chlorate-mixture fulminate or nitro-compound as defined in Rule 4 of the Mysore Explosives Rules, 1917.

Every blasting explosive in this class, in which nitrate of ammonium, nitrate of sodium or chloride of sodium are used as ingredients, shall be contained in cartridge wrappers or cases (or in five-pound inner packages) made thoroughly water-proof with melted paraffin or other suitable water-proofing material.

BOBBINITE.

CARDOX COMPOSITION.

M Powder
Pranada.
Q Powder.

CLASS 3.—NITRO-COMPOUND.

The term "nitro-compound" means any chemical compound possessed of explosive properties or capable of combining with metals to form an explosive compound, which is produced by the chemical action of nitric acid (whether mixed or not with sulphuric acid) or of a nitrate mixed with sulphuric acid upon any carbonaceous substance, whether such compound is mechanically mixed with other substances or not.

The nitro-compound class has two divisions.

Every blasting explosive in this class, in which nitrate of ammonium, nitrate of sodium or chloride of sodium or nitroglycol are used as ingredients, shall be contained in cartridge wrappers or cases (or in five-pound inner packages) made thoroughly water-proof with melted paraffin or other suitable water-proofing material.

DIVISION 1.

Division 1 comprises the following explosives and any chemical compound or mechanically mixed preparation which consists either wholly or partly of nitro-glycerine or of some other liquid nitro-compound :—

A. I. Raunkol
Amazonite
Brocalite Gelatine
Detonita
Dynamite B
Gelignite K. 34 per cent, N. G.
Glycerita
L. G. Gelatine
24 per cent Ligdyn
Ardeer Gelignite
Arkite
Samsonita
Samsonite

A. 2. Monobel
Viking Powder No. 1
Viking Powder No. 2

Ballistite
Nobel Cordite

Blasting Gelatine
Cambrite

Chilworth Smokeless Powder No. 2
Nacota Powder
Cordite

Cordite, M. D.	Gelignite
Dupont Dynamite, 75 per cent strength	Monobel No. 1
Dynamit	Nobelit B.
Dynamite	N. S. Gelatine Dynamite
Dynamite No. 1	N. S. Gelignite
Red Star Dynamite, 75 per cent strength	Polar Dynobel No. 2
Dynobel No. 2	Quarry Monobel
Dynobel No. 3	Rockite
Dynobel No. 4	Samsonite No. 3
Farmers' Dynamite	Stonobel
Gelatine Dynamite	Victor Powder No. 2

Provided that every explosive in this division shall be of such character and consistency as not to be liable to liquefaction or exudation.

Provided also that an explosive which is required by definition to be issued in water-proof inner packages may be exempted from such requirements by special authority when and so long as the conditions of such authority are observed.

DIVISION 2.

Division 2 comprises the following explosives and any nitro-compound as before defined which is not comprised in Division I :—

Alumatol	Guncotton
Ammonal	Negro Powder No. 2
Amberite No. 2	N. S. Smokeless
Baclenite	
Di-nitro-phenol	Picric Acid
Economic Smokeless Sporting Powder	Picric Powder
E. C. Sporting Powder	Roburite No. 4
Eloy Smokeless Sporting Powder	Ruby Powder
Empire Powder	Schultze Gunpowder
Ideal Powder	Smokeless Diamond
Light Load Smokeless	Tonite or Cotton Powder
Nobel's Special Powder	Tri-nitro-toluol

CLASS 4.—CHLORATE MIXTURE.

The term "chlorate mixture" means any explosive containing a chlorate.

The chlorate mixture class has two divisions.

Every blasting explosive in this class, in which nitrate of ammonium, nitrate of sodium or chloride of sodium are used as ingredients, shall be contained in cartridge wrappers or cases (or in five-pound inner packages) made thoroughly water-proof with melted paraffin or other suitable water-proofing material.

DIVISION 1.

Division 1 comprises any chlorate preparation which consists partly of nitro-glycerine or of some other liquid nitro-compound.

Nil.

Provided that every explosive in this division shall be of such character and consistency as not to be liable to liquefaction or exudation.

DIVISION 2.

Division 2 comprises any chlorate mixture as hereinbefore defined which is not comprised in Division 1.

Nil.

CLASS 5.—FULMINATE.

The term "fulminate" means any chemical compound or mechanical mixture, whether included in the foregoing classes or not, which from its great susceptibility to detonation, is suitable for employment in percussion caps or any other appliances for developing detonation or which from its extreme sensibility to explosion, and from its great instability (that is to say, readiness to undergo decomposition from very slight exciting causes) is especially dangerous.

This class consists of two divisions.

DIVISION 1.

Division 1 comprises such compounds as the fulminates of silver and of mercury, and preparations of those substances such as are used in percussion caps, and any preparation consisting of a mixture of a chlorate with phosphorus or certain descriptions of compounds of phosphorus, with or without the addition of carbonaceous matter, and any preparation consisting of a mixture of a chlorate with sulphur, or with a sulphuret, with or without carbonaceous matter.

Nil.

DIVISION 2.

Division 2 comprises such substances as the chloride and the iodide of nitrogen, fulminating gold and silver, diazobenzol, and the nitrate of diazobenzol.

Nil.

CLASS 6.—AMMUNITION.

The term "ammunition" means any explosive of any of the foregoing classes when the same is enclosed in any case or contrivance, or is otherwise adapted or prepared so as to form a cartridge or charge for small arms, cannon or any other weapon, or for blasting or to form any safety or other fuse for blasting or for shells, or to form any tube for firing explosives or to form a percussion cap, detonator, fog-signal, shell-torpedo, war-rocket, or any other contrivance other than a firework.

The term "percussion cap" does not include a detonator.*

The term "detonator" means a capsule or case which is of such strength and construction and contains fulminate in such quantity that the explosion of one capsule or case would communicate the explosion to other like capsules or cases.

The term "safety fuse" means a fuse for blasting which burns and does not explode, and which does not contain its own means of ignition, and which is of such strength and construction and contains an explosive in such quantity that the burning of such fuse will not communicate laterally with other like fuses.

The ammunition class has three divisions.

DIVISION 1.

Nobel's Safety Electric Time Fuses	Safety Cartridges
Percussion Caps	Safety Fuses for blasting
Railway Fog-Signals	Safety Electric Fuses

DIVISION 2.

Division 2 comprises any ammunition as hereinbefore defined which does not contain its own means of ignition, and is not included in Division 1.

Cartridges for Blasting or other like purposes.
Cartridges for Small Arms which are not Safety Cartridges.
Cordeau Bickford.
Electric Fuses.
Electric Primers.
Fuse Lighters.
Instantaneous Fuse.
Tubes for firing Explosives.
Quick Match.

DIVISION 3.

Division 3 comprises any ammunition as hereinbefore defined which contains its own means of ignition, and is not included in Division 1.

Cartridges for small arms which are not Safety Cartridges	Friction Tubes
Detonators	Nobel's Electric Delay Action Detonators
Electric Detonators	Percussion Primers
	Tubes for firing Explosives

CLASS 7.—FIREWORK.

The term "firework" comprises firework composition and manufactured fireworks.

DIVISION 1.—FIREWORK COMPOSITION.

The term "firework composition" means any chemical compound or mechanically mixed preparation of an explosive or inflammable nature which is used for the purpose of making manufactured fireworks, and is not included in the former classes of explosives and also any star and any coloured fire composition, subject to the proviso to the definition of manufactured fireworks.

* In consequence of the results of experiments carried out, it has been decided that a percussion cap can only be properly classed as such if it contains less than 0·6 grain of a composition of the 1st Division of the Fifth (Fulminate) Class of which not more than 25 per cent consists of fulminate of mercury or less than 0·5 grain of any other explosive of the 1st Division of the Fifth (Fulminate) Class; and it has been further decided that percussion caps shall not be classed as such when they contain anvils or have their composition unprotected by tin foil or other suitable substance as under those circumstances they are liable to explode *en masse*.

Nil.

DIVISION 2.—MANUFACTURED FIREWORKS.

Manufactured fireworks consisting of any explosive of the classes 1, 2, 3, 4 and 6 and any firework composition when such explosive or composition is enclosed in any case or contrivance or is otherwise manufactured so as to form a squib, cracker, including Chinese crackers, toy-cap or amorce, serpent, rocket (other than a war-rocket), maroon, lance, wheel, Chinese fire, Roman candle, or other article specially adapted for the production of pyrotechnic effects, or pyrotechnic signals or sound signals.

Provided that a substantially constructed and hermetically closed metal case, containing not more than one pound of coloured fire composition of such a nature as not to be liable to spontaneous ignition shall be deemed to be a "manufactured firework" and not a "firework composition."

Aluminium Torches	Light Signals
Electric Sparklers	Manufactured Fireworks
Magnesium Torches	Pyrotechnic Matches
Amorces	Rockets
Chinese Crackers	Sparklers

C. E. SURYANARAYANA RAU,

Chief Inspector of Mines and Explosives in Mysore.

APPENDIX IV.

BRIEF REPORT ON THE WORKING OF KOLAR GOLD FIELD POLICE FOR THE OFFICIAL YEAR 1935-36.

(By Mr. C. I. Machia, B.A., Special Superintendent of Police, Kolar Gold Field).

Strength of the Force.—There was no change in the strength of the force during the year, *viz.*, one Special Superintendent of Police, 48 officers and 270 men.

Cost of the Force.—The cost of the force during the year under report was Rs. 92,530-3-0 as against Rs. 91,873-15-0 in the previous year. Exclusive of this expenditure, a sum of Rs. 9,599-8-0 was spent under contingencies, travelling allowance, dieting and moving charges of undertrial prisoners and other heads as against Rs. 10,729-3-5 in the year previous.

Crime.—Five hundred and ninty-two cognizable cases were reported during the year as against 513 last year, showing an increase of 79 cases.

Property Lost and Recovered.—Property of the value of Rs. 9,016--2-0 was lost during the year as against Rs. 17,018-8-10 during 1934-35. The percentage of the value of property recovered to that lost was 41·51 per cent as against 44·12 per cent in the year previous.

Staff of the Detective Department.—There was no change in the detective staff of one Inspector, one Sub-Inspector, one Jamedar, four Daffedars and four Constables till the end of March 1936, when one Daffedar was retrenched and a Clerk on a salary of Rs. 30—3—45 was appointed to look after the clerical work of the Detective Inspector's Office. The cost of maintenance of this Department is being borne by Messrs. John Taylor & Sons' Committee.

Summary of work turned out by the Detective Department.—Thirty cases were detected by the detective staff, of which 23 ended in conviction, three in acquittal or discharge, one was struck off as false, and three were pending trial at the end of the year before the Magistrate.

General.—The cordial co-operation between the Watch and Ward Establishment and the Kolar Gold Field Police continued during the year under report.

APPENDIX V.

EXTRACTS FROM THE ADMINISTRATION REPORT OF THE KOLAR GOLD FIELD SANITARY BOARD FOR THE YEAR 1935-36.

(By Mr. J. Appaji Gowda B.A., (Hons.) President).

Constitution of the Board.—The Board was reconstituted as per Government Notification No. L. 3606—L. B. 75-35-3, dated 15th November 1935. It consisted of 20 members, seven *ex-officio* and 13 non-official members. Of the non-official members, seven were nominated by the Kolar Gold Field Mining Board and the nominations were approved by Government. Two members were nominated by Government to represent the rural area under the Board other than Robertsonpet, Andersonpet and Oorgaum village. Two members were elected from among the rate-payers of Robertsonpet, one from Andersonpet and one from Oorgaum village.

New Bye-Laws and Rules.—No new bye-laws and rules were framed or introduced by the Kolar Gold Field Sanitary Board during the year of report.

Fresh Imposts.—No new imposts were levied during the year of report.

Public Health, Vital Statistics and Epidemics.—The figures under Plague, Cholera and Small-pox are given below :—

	1935–36		*1934–35*	
	Attacks	*Deaths*	*Attacks*	*Deaths*
Plague	1	0	156	91
Small-pox	160	39	488	77
Cholera	...	...	2	1

The Kolar Gold Field Sanitary Board area was free from Plague and Cholera during the year under report. The public health was generally good.

Vaccinations.—There were 15,533 vaccinations including re-vaccinations as against 29,646 in the previous year. Of these, 4,553 were primary and 10,980 re-vaccinations; the number successful being 3,887 or 85·34 among the former and 3,839 or 34·96 among the latter.

Births and Deaths.—Four thousand three hundred and ninety births and 2,608 deaths were registered during the year of report as against 4,361 births and 2,746 deaths in the previous year.

Infant Mortality.—Seven hundred and thirty-one deaths among children under one year of age were reported during the year of report as against 786 deaths in the previous year, giving a death rate of 166·51 per 1,000 as against 180·23 in the previous year.

Water-supply.—There was a sufficient supply of water from Bethamangala filters to the Mines, Robertsonpet, Andersonpet and Masikam. The cost incurred under this head was Rs. 26,468 as against Rs. 26,573 in the previous year.

Avenue Trees and Parks.—The avenue trees in the Kolar Gold Field Sanitary Board area maintained by the Board are in a fairly good condition. Arrangements have been made to plant new trees in 136 pits newly dug in the year of report. The King George Hall Park and the Silver Jubilee Park at Robertsonpet were maintained in good condition.

Principal measures, if any, sanctioned during the year.—During the year, the Government in their Order No. L 9039-42—L. B. 21-35-34, dated 27th May 1936 sanctioned the tarring of the following roads at a cost of Rs. 61,150 :—

		M.	F.	Rs.
1.	Krishnaraja Road	2	7	38,790
2.	Carr Road	1	2½	14,620
3.	Road from Robertsonpet market to P.W.D. Inspection Lodge.	0	5½	7,740
	Total ...	4	6¾	61,150

The tarring of Krishnaraja Road was completed in the year of report. The tarring work of other two roads was in progress.

Schemes Submitted to Government and under consideration.—(i) A scheme for opening a High School in the Kolar Gold Field area at Robertsonpet was submitted to Government. The necessary plan and estimates for the construction of a High School Building at Robertsonpet at a cost of Rs. 14,480 was also submitted for sanction. The High School with only IV Form Class was opened on 15th July 1936 at Robertsonpet.

(ii) A scheme for constructing underground drains in Robertsonpet was under consideration and the Sanitary Engineer, Bureau of Sanitary Engineering, sent in an estimate for Rs. 33,000 for the purpose in the latter part of the year under report.

(iii) A scheme for effecting improvements to the Robertsonpet market both inside and in its rear was under active consideration of the Board.

(iv) A scheme for tarring with premix method Robertsonpet-Andersonpet road for a length of one mile and two furlongs at a cost of Rs. 15,580 was also under the consideration of the Board.

General.—The Chief Medical and Sanitary Officer, Kolar Gold Field Hospital, the Superintendents of several Mines, the Secretary, Messrs. John Taylor & Sons' Committee and the Mining Board and other non-official members of the Board, heartily co-operated as usual, in the administration of the Board.

The Second Member of Council visited the Kolar Gold Field on 3rd March 1936.

REPORTS OF THE CHIEF INSPECTOR OF MINES IN MYSORE.

Containing Statistical Tables relating to Capital, Machinery and Plant.

Work done and number of persons employed. Production and cost, accidents and mortality.

A few notes and reports on items of interest are mentioned in the following list :—

Year 1898.—Total gold production to date, treatment of ore. Classification of accidents.

Year 1899.—Minor economic products, classification of accidents, Air-blast—Plague on the Kolar Gold Field.

Appendix—Note on the Geology of the Kolar Schists and surrounding rocks.

Map of the Kolar Schist Belt—Plate I.

Map of the Kolar Field—Plate II.

Year 1900.—Labour, wages and costs. The Cauvery Falls Power Scheme.

Year 1901.—Water-supply for the Kolar Gold Field. Report on the Woolagiri and Amble Mining Blocks, Mysore District, with map and sections. Report on the Ajjampur Block, Kadur District, with map and sections. Note on the New Town (Robertsonpet), Kolar Gold Field, by F. E. C. Carr, Esq., Deputy Commissioner.

Year 1902 *to June* 1903.—Tetanus on the Kolar Gold Field with statistics.

Mine signalling with diagrams.

Air-blasts and quakes: general report with sketches.

Year 1903-04.—Working costs in the Kolar Mines. Note on Milling and Cyanide Practice on the Kolar Field. The Cauvery Power Supply. The Kolar Mines Power Station.

Year 1904-05.—General progress notes. East Betrayaswami Block, Kolar District. Bellara Block, Tumkur District.

Year 1905-06.—General Progress Notes. Fire at the Nundydroog Mine.

Year 1906-07.—Note on the Bellara, Javanhalli and other gold blocks in the Tumkur and Chitaldrug Districts on the Honnehatti, Tambadihalli, Jalagargundi, Nandi, Sakrebyle, Devrukal and other gold blocks in the Kadur and Shimoga Districts. Reports on the Woolagiri Mine and the Hunjankere Block, Mysore District. The Anantapur Gold Field. Manganese Prospecting Blocks. Chrome Ores of the Hassan and Mysore Districts.

Year 1907-08.—Reports on Shaws' Block and Ahmed's Block, Kolar District. Further Notes on Prospecting Blocks in various districts.

Year 1908-09.—Fire at the Nundydroog Mine. Air-blast in the New Circular Shaft, Champion Reef, with sketch of the Sinking Frame and Protective Shield.

Year 1909-10.—The Kolar Mines Power Station. Air-blast, Champion Reef. Fracture of winding rope.

Year 1910-11.—Notes on Air-blasts and Quakes.

Year 1911-12.—Report on the Manighatta Block, Kolar District, with plans.

Progress in ore treatment on the Kolar Field. Proposed schemes for treatment of tailings and slimes.

Report on Seismographs for recording Air-blasts.

Year 1912-13.—Notes on the Siddarhalli, Nandi, Woolagiri and other Gold Mining Blocks.

Notes on the Holmes', Python, Chattanhalli, Sigimatti, Markande, Tippur and Shankaragudda Manganese Blocks in the Shimoga District.

Year 1913-14.—Progress notes, Kolar District. The Siddarhalli and Jalagargundi Mines, etc., Kadur District.

Prospecting work at Kudrikonda, Palavanhalli and Honnali, Shimoga District, alluvial washings at Saulanga and on the Thungabhadra river. Manganese, Chrome, Magnesite, Iron Ore, Mica, Copper, Asbestos and Corundum. Notes on Air-blasts, Meteorology and Seismology on the Kolar Gold Field.

Report on the Edgar's Shaft Cage accident, Mysore Mine.

Year 1914.—Progress notes, Kolar District. Notes on the Kumsi and Shankaragudda Manganese Blocks in the Shimoga District, Chrome, Magnesite, Iron ore, Mica, Copper, Asbestos, Corundum, Columbite and Clay. Notes on accidents—Air-blasts, Meteorology and Seismology on the Kolar Gold Field.

Year 1915-16.—Progress notes, Kolar District. Notes on Manganese, Chrome, Magnesite, Mica, Asbestos, Antimony and Corundum. Notes on accidents, Meteorology and Seismology on the Kolar Gold Field.

Year 1916-17.—Progress notes, Kolar District. Notes on Manganese, Chrome, Magnesite, Asbestos, Mica, Antimony, Corundum, Galena, Kaolin or China Clay, Potstone and Ochres. Notes on accidents. Meteorology and Seismology on the Kold Gold Field.

Year 1917-18.—Progress notes, Kolar District. Notes on Manganese, Chrome, Magnesite, Asbestos, Mica, Antimony, Corundum, Galena, Kaolin, Potstone and Ochres. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field.

Year 1918-19.—Progress notes, Kolar District. Notes on Manganese, Chrome, Magnesite, Asbestos, Mica, Antimony, Corundum, Galena, Kaolin, Potstone, Ochres, Pyrites and Copper. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field. Sketch describing the method of Rill Stoping showing the various stages.

Year 1919-20.—Progress notes, Kolar District. Notes on Manganese, Chrome, Magnesite, Asbestos, Mica, Antimony, Corundum, Potstone, Kaolin, Ochres, Pyrites, Limestone and Galena. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field.

Year 1920-21.—Progress notes, Kolar District. Notes on Manganese, Chrome Ore, Magnesite, Asbestos, Mica, Soapstone, Kaolin, Ochres, Limestone, Antimony, Corundum and Galena. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field.

Year 1921-22.—Progress notes, Kolar District. Notes on Manganese, Chrome, Magnesite, Asbestos, Mica, Kaolin or China Clay, Ochres, Corundum, Limestone, Copper, Slate and Graphite. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field.

Year 1922-23.—Progress notes, Kolar District. Notes on Manganese, Chrome, Magnesite, Asbestos, Mica, Kaolin or China Clay, Ochres, Corundum Limestone, Copper, Slate and Graphite. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field. Explosives Section.—Inspection of explosives, magazines and premises. Accidents from explosives.

Year 1923-24.—Notes from mines, Kolar District. Notes on Manganese, Chrome, Magnesite, Asbestos, Mica, Kaolin or China Clay, Soapstone, Limestone, Corundum and Ochres. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field. Explosives Section. Inspection of explosives, magazines and premises. Accidents from explosives.

Year 1924-25.—Notes from mines, Kolar District. Notes on Manganese, Chrome, Magnesite, Asbestos, Mica, Kaolin or China Clay, Soapstone, Fire Clay, Limestone and Dolomite and Corundum. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field. Explosives Section.—Inspection of explosives, magazines and premises. Accidents from explosives.

Year 1925-26.—Notes from mines, Kolar District. Notes on Manganese, Chrome, Magnesite, Asbestos, Mica, Kaolin or China Clay, Soapstone, Limestone (Manganiferous), Corundum, Iron ore and Limestone. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field. Explosives Section.—Inspection of explosives, magazines and premises. Accidents from explosives.

Year 1926-27.—Notes from mines, Kolar District. Notes on Manganese, Chromite, Magnesite, Asbestos, Mica, Corundum, Green Quartzite, Kaolin or

China Clay, Limestone (Manganiferous), Soapstone, Fuller's Earth, Iron ore and Limestone. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field. Explosives Section.—Inspection of explosives, magazines and premises. Accidents from explosives.

Year 1927-28.—Notes on mines. Notes on Manganese, Chromite, Magnesite, Kaolin or China Clay, Soapstone and Green Quartzite. Notes on accidents, Meteorology and Seismology on the Kolar Gold Field. Explosives Section.—Inspection of explosives, magazines and premises. Accidents from explosives.

Year 1928-29.—Notes on mines. Notes on Manganese, Chromite, Copper, Kaolin or China Clay, Soapstone and Asbestos. Notes on accidents. Meteorology and Seismology on the Kolar Gold Field. Explosives Section.—Inspection of explosives, magazines and premises. Accidents from explosives.

Year 1929-30.—Notes on mines. Notes on Manganese, Chromite, Magnesite, Kaolin or China Clay, Soapstone and Graphite. Meteorology and Seismology on the Kolar Gold Field. Explosives Section —Inspection of explosives, magazines and premises. Accidents from explosives.

Year 1930-31. Notes on mines. Notes on Manganese, Chromite, Magnesite, Kaolin or China Clay, Soapstone, Kyanite. Staurolite and Garnet. Meteorology and Seismology on the Kolar Gold Field. Explosives Section.—Inspection of explosives, magazines and premises. Accidents from explosives. Fire at Nundydroog Mine. Charts of Gold Production, Value in Sterling, Royalty, Tonnages Crushed, Fatal and Serious Accidents and Base Minerals Production from beginning of operations.

Year 1931-32.—Notes on mines. Notes on Manganese, Chromite, Magnesite, Kaolin, Soapstone, Corundum, Green Quartzite, Kyanite, Staurolite, Garnet, Asbestos and Mica. Meteorology and Seismology on the Kolar Gold Field. Underground Air Temperatures. Explosives Section.—Inspection of explosives, magazines and premises. Accidents from Explosives.

Year 1932-33.—Notes on mines. Notes on base minerals. Detailed notes on Meteorology and Seismology on Kolar Gold Field. Welfare work. Miners' Phthisis. Underground Air Temperatures. Explosives' Section. Charts of Gold Production, value in sterling, working costs, profits, Dividends paid and Royalty and monthly Gold production and average price of gold. Workmen's Compensation.

Year 1933-34.—Notes on Mines, Notes on base minerals. Detailed notes on Meteorology and Seismology on Kolar Gold Field. Welfare work. Miners' Phthisis. Underground Air Temperatures. Explosives Section. Charts of Gold Production and average price of gold, Fatal accidents and cost of support of workings.

Year 1934-35.—Notes on Mines. Notes on Manganese, Chromite, Magnesite, Kaolin, Red Earth, Soapstone, Green Quartzite, Kyanite, Staurolite and Garnet. Meteorology and Seismology on the Kolar Gold Field. Underground Air Temperatures. Explosives Section. Charts of Gold Production, Value in Sterling, Royalty paid and Average Price of Gold. Fatal and Serious Accidents. Cost of support of workings.

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